

# Sonority XXL



Handbuch Deutsch  
Manuale Italiano  
Manual Español  
Manuel Français  
Manual English  
Handleiding Nederlands

Rev. 12.05

V3 SOUND

## Vorsichtsmassnahmen

### SICHERHEITSHINWEISE



- Lesen Sie die Bedienungsanleitung bevor Sie das Gerät benutzen,
- lassen Sie keine Flüssigkeiten in das Gerät gelangen,
- belasten Sie das Gerät nicht mit Gegenständen,
- hantieren Sie das Netzteil niemals mit nassen Händen,
- schalten Sie alle angeschlossenen Geräte aus, bevor Sie Verbindungen vornehmen.

- Benützen oder lagern Sie das Gerät nicht wo:
- Dampf oder Feuchtigkeit herrschen,
- es extremen Temperaturen ausgesetzt ist (nicht im Transportbus im Winter),
- es starken Erschütterungen ausgesetzt ist.

### BEHANDLUNG

- Verwenden Sie nur Netzteile.
- Entfernen Sie Kabel nur indem Sie an dem Stecker ziehen, nicht am Kabel.
- Setzen Sie den Netzadapter keinen mechanischen Beanspruchungen aus.

### KUNDENDIENST - FEHLERBEHEBUNG

Unterlassen Sie unsachgemäße Reparaturversuche, da dadurch bleibende Schäden an der Elektronik entstehen können. Darüber hinaus gehen jegliche Garantieansprüche verloren.

### LIEFERZUBEHÖR

Handbuch - Netzgerät

### SPANNUNGSVERSORGUNG

9VDC / 1A

### BETRIEBSTEMPERATURBEREICH

Bereich 10-40 Grad Celsius

### LUFTFEUCHTIGKEIT

max. 80%, nicht kondensierend

## Copyright

Die Aufnahmen, die in diesem Geräte verwendet werden, sind urheberrechtlich geschützt. Jede Duplizierung, Bearbeitung sowie auch deren Weitergabe an Dritte, in welcher Form auch immer (Audio Sampling CDs, Datenträger mit Einzelklängen, zum Download bestimmte Dateien, etc.), ist verboten.

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## Tech. Spezifikationen

- Master Volume
- Master Reverb
- 4 GB Flash memory
- 16 MIDI Kanäle
- 4 Audio out (2 stereo)
- Polyphony - 256-stimmig
- Anschluss - Sustainpedal
- Abmessungen: 12cm x 12cm x 6cm
- Gewicht: 0,21kg
- USB Host



The CE certification is available at <http://www.v3sound.com/support/>



This product conforms to the FCC 47 CFR PART 15 SUBPART B

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## Legende

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
(1)	DRUM MAP - Exklusive mode
(1)	DRUM MAP - Exclusive mode - one note give sound
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	no Sound



### TIPP SILENCE

Das Programm SILENCE ist auf allen Soundbanks unter Program Change 127 zu finden. Mit dem Programm können Sie einen MIDI-Kanal während des Spielens „ausschalten“. Wenn Sie einen MIDI-Kanal über einen MIDI-Controller usw. stummschalten möchten, ist dies beim Spielen nicht so einfach. Wählen Sie einfach Program Change 127 und der Kanal wird stummgeschaltet.



### BANK 22 und höher

Wenn Sie in der MSB Bank 22 oder höher einen Sound aufrufen, erhalten Sie keinen Ton.

## User Interface und Anschlüsse



## Verbinden

Bevor Sie Ihr Gerät ein- oder ausschalten, vergewissern Sie sich, dass alle angeschlossenen Audiogeräte, die zur Verstärkung des Audio-signalen beitragen, heruntergeregelt sind.

- ❶ Vergewissern Sie sich, dass sich der POWER Schalter, der sich auf der Rückseite des Gerätes befindet, in der Position OFF (LED-Licht leuchtet nicht) steht.
- ❷ Stecken Sie das zum Lieferumfang gehörende Netzgerät in die DC Buchse auf der Rückseite des Gerätes an.
- ❸ Schließen Sie das andere Ende des Netzgerätes an eine Netzsteckdose an. Vergewissern Sie sich, dass Ihr Netzgerät für die Versorgungsspannung geeignet ist.
- ❹ Verbinden Sie die Audioausgänge mit einem Verstärker, Aktivlautsprecher oder verwenden Sie einen Kopfhörer.
- ❺ Verbinden Sie das MIDI- oder USB Kabel mit dem Gerät.

## Einschalten

Bevor Sie Ihr Gerät ein- oder ausschalten, vergewissern Sie sich, dass alle angeschlossenen Audiogeräte, die zur Verstärkung des Audiosignales beitragen, heruntergeregelt sind.

- ❶ Drücken Sie den Schalter [POWER ON/OFF] auf der Rückseite.
- ❷ Drehen Sie am Regler [MAIN VOLUME] um die Gesamtlautstärke anzupassen.
- ❸ Passen Sie die Lautstärke an Ihrem Mixer oder Aktivlautsprecher an.



### TIPP

*Drehen Sie die Lautstärke des Sonority XXL so laut wie möglich und stellen Sie die Lautstärke des Tons auf dem Mixer ein.*

## USB Keyboard

Das Sonority XXL ist mit jedem USB Audio Class 1 Keyboard kompatibel. Das Sonority XXL unterstützt Ihr USB-Gerät mit einem Maximum von 100mA Strom.

Bitte überprüfen Sie den Stromverbrauch Ihres MIDI-Gerätes. Sollte der Stromverbrauch über 100mA liegen, verbinden Sie Ihre Geräte mit einer eigenen Stromversorgung.

Verbinden Sie hier Ihre USB-Tastatur.



## Sustain Pedal

Die Polarität des Sustain-Fußpedals wird automatisch eingestellt, wenn Sie den V3 einschalten. Stecken Sie das Pedal vor dem Einschalten an.

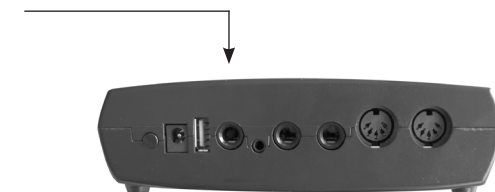
Das Pedal funktioniert nur auf MIDI Kanal 1.

## Aux Out - zweiter Stereo Out

Um den AUX OUT für einen MIDI-Kanal zu verwenden, müssen Sie 4 interne Switches wechseln und eine MIDI-Nachricht auf dem angeforderten MIDI-Kanal senden.

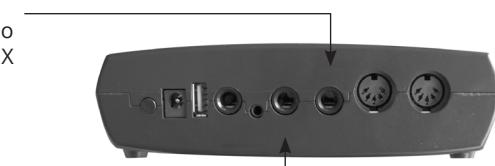
Die Verbindung ändert sich von 2 Mono-Ausgänge zu 2 Stereo Ausgänge.

Eine Stereo Klinke liefert hier das MAIN Stereo Signal, die zweite Buchse das Signal der AUX Ausgänge in stereo.



STEREO L + R standard = BABAA (Grafik)

STEREO + AUX = BBABB



## Sounds anwählen

Das Soundexpander Sonority XXL ist ein 16-Kanal Multi-Timbral MIDI-Klangerzeuger. Ändern Sie die Sounds, indem Sie einen Programm Change über MIDI senden.

Die sympathische Resonanz, die Funktion Sustain Pedal "Grabbing" und die Halbpedal Funktion sind nur auf MIDI Channel 1 aktiv.



### ÜBER POLYPHONY

*Die Einheit bietet 256 Mono Stimmen. Viele Sounds des Sonority XXL benutzt 6 Stimmen pro Taste.*

*Das bedeutet: Wenn Sie alle 10 Finger gleichzeitig anschlagen, werden 60 Stimmen benutzt.*

*Wenn Sie das Sustainpedal halten, werden diese 60 Stimmen gehalten und bei neuem Anschlag weitere 60 Stimmen benötigt. Vergessen Sie also nicht, das Sustain-Pedal freizugeben!  
Wenn Sie die Polyphony überschreiten, ist ein Klick-Geräusch hörbar.*

## Safety precautions

### SAFETY INSTRUCTIONS

- Read the user manual before using the device
- Do not allow any liquid to come in contact with the device
- Do not place anything on top of the device
- Do not handle the power supply with wet hands
- Turn off all connected devices before you connect any new devices

Do not use or store the device where it is exposed to:

- dampness or wetness
- extreme temperature changes (i.e. do not store in a vehicle in winter)
- strong vibrations or jolts



### HANDLING

- Use only the original cables and power supply
- Remove the cable only by pulling on the plug, not on the cable
- Do not expose the power adapter to any mechanical stress

### CUSTOMER SERVICE

Do not carry out any repairs at home, as this may result in permanent damage to the electronics. Any guarantee claims are no longer valid in this case.

### ACCESSORIES

Manual and power

### POWER REQUIREMENT

9VDC / 1.0A

### HUMIDITY

max. 80%, non-condensing

### OPERATING TEMPERATURE

10 to 40 degrees Celsius

## Copyright

All the audio recordings V3SOUND uses on the sound boards are protected by copyright. V3SOUND alone has been given the right by all musicians involved to use this material. Any duplication, editing or any other copy of individual sounds by or given to a third party in any form (audio sampling CD, data storage device with individual sounds, download of any file, etc.) is strictly forbidden.

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## Specification

- Master Volume
- Master Reverb
- 4 GB flash memory
- 16 MIDI channels
- 4 audio out (2 stereo)
- Polyphony 256 voice
- Port available for 1 sustain foot pedal
- Dimensions: 12cm (L) x 12cm (W) x 6cm (H)
- Weight: 0.2 kg
- USB Host



The CE certification is available at <http://www.v3sound.com/support/>



This product conforms to the FCC 47 CFR PART 15 SUBPART B

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## LEGEND

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
Notch	Notch Filter
(1)	DRUM MAP - Exclusive mode - one note give sound
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	no Sound



### TIP SILENCE

The program *SILENCE* can be found on all soundbanks on Program Change 127. The program allows you to „turn off“ a MIDI channel while playing.

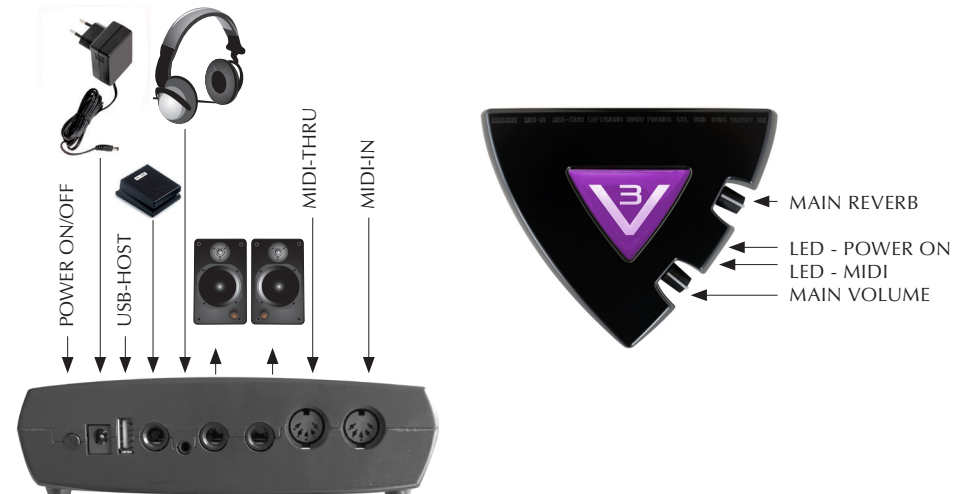
If you want to mute a MIDI channel via a MIDI controller, etc., it is not that easy while playing. Just choose the Program Change 127 and the channel becomes mute, and can be played back at any time by sending a Program Change with a sound.



### BANK 22 and higher

If you call up a sound in MSB Bank higher then 22 you get no sound.

## User interface and ports



## Connect

To avoid possible damage to the loud speakers or other connected electronic devices, always connect all cables before turning on the amplifier. Turn on the Sonority XXL first before turning on any active loud speakers or amplifiers.

- 1 Make sure the POWER switch on the back of the device is in the OFF position (LED light is not on).
- 2 Plug the power adapter that came with the device into the DC port on the back of the unit.
- 3 Plug the other end of the power adapter into a power outlet. Make sure that the adapter is compatible with the power supply.
- 4 Connect the audio outputs to an amplifier, active loudspeakers or headphones.
- 5 Connect the MIDI or USB cable to the V3 unit.

## To turn on

Before you turn the device on or off, make sure that all connected audio devices that amplify the audio signal (mixer, amplifier, active loud speakers) have their volumes turned down.

- 1 Press the POWER ON/OFF switch on the back of the device.
- 2 Turn up the V3 unit MAIN VOLUME knob to adjust the volume.
- 3 Adjust the volume on your mixer or active loudspeaker.



### TIP

*Turn the volume on the V3 unit as loud as possible, and then adjust the volume of the sound on your mixer.*

## Connect – USB keys

The V3 unit can be connected to any USB Audio Class 1 compatible keyboard. The SONORITY XXL can supply your USB keyboard with a maximum of 100mA.

If your keyboard requires more than 100mA, you will need an external power supply.

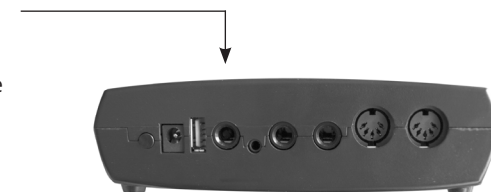
Just plug in your USB keyboard here.



## Foot pedal

The polarity of the sustain foot pedal is set up automatically when you turn on the V3 unit. The pedal only works on MIDI channel 1.

Connect the foot pedal before turning on the device.



## Aux out - 2nd stereo out

To use the AUX OUT for any MIDI channel, you must manually change the 4 internal switches and send a MIDI message on the specified MIDI channel.

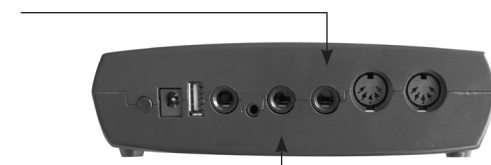
The connection changes from 2 mono jacks to 2 stereo jacks.

One stereo jack gives you the MAIN stereo; the other one the AUX stereo.



STEREO L + R standard = BABAA (grafic)

STEREO + AUX = BBABB



## Select sounds

The SONORITY XXL sound board is a 16-channel, multi-timbral MIDI tone generator. Change sounds by sending a program change through MIDI.

Sustain pedal grabbing and the half pedal function are only active on MIDI channel 1.



### ABOUT POLYPHONY

*The unit offers 256 mono voices. Many sounds of the Sonority XXL use 6 voices per note.*

*If you hit 10 notes at the same time, 60 voices are used. If you hold down the sustain pedal, the 60 voices are sustained and still in use. If you play again, 60 more voices are needed.*

*So, do not forget to release the sustain pedal! If you exceed the Polyphony, a clicking sound is audible.*



## Veiligheidsmaatregelen



- lees de handleiding voor gebruik
- laat de module niet in aanraking komen met vloeistof
- plaats niets op de module
- gebruik de adapter niet met natte handen
- zet alle apparaten uit die verbonden zijn alvorens nieuwe apparaten aan te sluiten

De module niet gebruiken of bewaren indien blootgesteld aan:

- vocht of nattigheid
- extreme temperatuur schommelingen (b.v. niet in voertuig laten tijdens de winter)
- sterke trillingen of schokken

## BEHANDELING

- Gebruik de originele snoeren en adapter.
- Verwijder het snoer door aan de stekker te trekken en niet aan het snoer.
- Stel de adapter niet bloot aan mechanische belasting.

## KLANTEN SERVICE

Voer zelf geen reparaties uit aangezien deze het apparaat blijvend kunnen beschadigen. In welk geval elk beroep op garantie komt te vervallen.

## ACCESSOIRES

Handleiding en stroom adapter

## STROOM ADAPTER

9VDC / 1A

## BEDRIJFS TEMPERATUUR

10 tot 40 graden Celsius

## VOCHTIGHEID

max. 80%, niet condenserend

## Copyright

Alle V3 audio opnamen in deze module worden beschermd door copyright. Uitsluitend V3SOUND heeft van alle betrokken musici het recht verkregen om dit materiaal te gebruiken. Het is verboden om klanken te dupliceren of te veranderen of in welke vorm dan ook door te geven aan derden. ( bijvoorbeeld in de vorm van audio sampling CD, data opslag apparaat, het downloaden van files).

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## Specificaties

- Master Volume
- Master Reverb
- 4 GB flash geheugen
- 16 MIDI kanalen
- 4 audio uit (2 stereo)
- Polyfonie 256 stemmen
- aansluiting voor 1 sustain voet pedaal
- afmetingen: 12cm (L) x 12cm (B) x 6cm (H)
- gewicht : 0.2 kg
- USB Host



The CE certificaat is hier verkrijgbaar:  
<http://www.v3sound.com/support/>



dit apparaat voldoet aan :  
FCC 47 CFR PART 15  
SUBPART B

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## Legend

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
(1)	DRUM MAP - exclusieve modus, één noot met klank
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	Geen geluid



### TIP SILENCE

Het programma SILENCE kan men bij alle soundbanks terug vinden onder Prog Change 127. Het program stelt u in staat om een MIDI kanaal uit te zetten tijdens het spelen.

Als u een MIDI kanaal wilt sluiten via een MIDI controller etc. is dat niet zo makkelijk tijdens het spelen. Kies Prog. Change 127 en het kanaal wordt stom geschakeld en kan weer worden geactiveerd door het zenden van een Prog. Change met een klank.



### BANK 22 en hoger

Als u een klank oproept middels een MSB bank hoger dan 22 krijgt u geen geluid.

## Gebruikers interface en aansluitingen



## Verbinden

Om schade aan de luidsprekers of andere elektronische apparaten die met de module verbonden zijn te voorkomen, dient u eerst alle kabels goed aan te sluiten alvorens de versterker aan te zetten.

Zet eerst de Sonority XXL aan voordat u actieve luidsprekers of versterkers aan zet.

- 1 Let er op dat de POWER knop aan de achterzijde van de module UIT staat (LED brandt niet).
- 2 Verbindt de bijgesloten stroom adapter met de DC aansluiting aan de achterkant van de module.
- 3 Verbindt de andere kant van de adapter met het stopcontact. Controleer of de adapter overeenkomt met de stroom voorziening.
- 4 Verbindt de audio uitgangen met een versterker, actieve luidsprekers of koptelefoon.
- 5 Verbindt de MIDI of USB kabel met de V3 module.

## Aanzetten

Let er op dat voordat u de module aan of uit zet alle verbonden audio apparaten die het audio signaal versterken (mixer, versterker, actieve luidsprekers) in de laagste volume stand staan.

- 1 Druk op de POWER ON/OFF knop aan de achterzijde van de module.
- 2 Draai aan de V3 module MAIN VOLUME knop voor juiste volume.
- 3 Pas het volume aan op uw mixer of actieve luidsprekers.



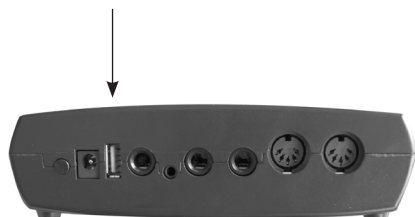
### TIP

*Draai het volume op de V3 module zo hoog mogelijk en pas daarna het volume aan op uw mixer.*

## Verbindt USB TOETSEN

De V3 module can worden aangesloten op elke USB Audio Class 1 geschikt keyboard. De Sonority XXL kan uw USB keyboard voeden tot een maximum van 100mA. Indien uw keyboard meer dan 100mA vereist is een externe adapter vereist.

Verbindt uw USB keyboard hier:



## Voet Pedaal

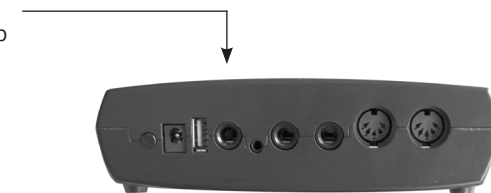
Bij het aanzetten van de V3 wordt de polariteit van het sustain pedaal automatisch geselecteerd. Het pedaal werkt uitsluitend op MIDI kanaal 1.

Verbindt het voet pedaal voordat u de module aanzet.

## Aux uit - 2de Stereo uit

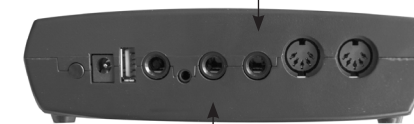
Om de AUX OUT te gebruiken voor welk MIDI kanaal dan ook dient u eerst handmatig een virtueel interne schakelaartjes om te zetten en een MIDI bericht te verzenden op het gespecificeerde kanaal.

De aansluiting verandert nu van 2 mono jacks naar twee stereo jacks. De eerste stereo jack dient dan als MAIN stereo en de tweede stereo jack dient als AUX stereo.



STEREO L + R standaard = BABAA (Grafik)

STEREO + AUX = BBABB



## Klanten kiezen

De V3 Sonority XXL module is een 16 kanaals multi timbrale klank generator. Verander de klanken door het versturen van een Program Change via MIDI.

Sympathische Resonantie en sustain pedaal "grabbing" zijn uitsluitend actief via MIDI kanaal 1.

## Mesures de précaution

### Consignes de sécurité



- Veuillez lire le mode d'emploi avant d'utiliser l'appareil,
- Veillez à ne pas laisser des liquides pénétrer dans l'appareil,
- Ne posez pas d'objets sur l'appareil,
- Ne manipulez jamais le bloc d'alimentation avec des mains humides,
- Mettez tous les appareils connectés hors tension avant d'effectuer des raccordements.
- N'utilisez pas ou n'entreposez pas l'appareil dans un endroit où
- il est exposé à de l'humidité ou de la vapeur,
- où il est exposé à des températures extrêmes (pas dans un bus de transport en hiver),
- où il est soumis à de fortes secousses.

### CONSIGNES D'UTILISATION

- N'utilisez que des blocs d'alimentation.
- Retirez les câbles uniquement en tirant sur la prise, et non sur le câble lui-même.
- Ne soumettez pas l'adaptateur de réseau à des sollicitations mécaniques.

### SERVICE CLIENTS - DÉPANNAGE

Abstenez-vous de toute tentative de réparation inappropriée, car cela pourrait occasionner des dommages irréversibles à l'électronique. En outre, cela annule tout droit à la garantie.

### ACCESSOIRES FOURNIS

Manuel - Bloc d'Alimentation

### ALIMENTATION ÉLECTRIQUE

9VDC / 1A

### PLAGE DE TEMPÉRATURE DE FONCTIONNEMENT

Plage de 10 à 40 degrés Celsius

### HYGROMÉTRIE

max. 80 % d'humidité, sans condensation

## Copyright

Les enregistrements qui sont utilisés dans cet appareil sont protégés par des droits d'auteur. Toute duplication, modification ou transfert à des tiers, sous quelque forme que ce soit (CD d'échantillonnage audio, supports de données avec certains sons, fichiers destinés au téléchargement, etc.) sont interdits.

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## Spécifications techniques

- Master Volume
- Master Reverb
- 4 GB de mémoire flash
- 16 canaux MIDI
- 4 sorties audio (2 stéréo)
- Polyphonie - 256 voix
- Raccordement - Pédale forte (de sustain)
- Dim. : 12 cm x 12 cm x 6 cm • Poids : 0,21 kg
- USB Host



La certification CE est disponible sur <http://www.v3sound.com/support/>



TCe produit est conforme à la norme FCC 47 CFR PART 15 SUBPART B

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## Legende

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
(1)	DRUM MAP - Exklusive mode
(1)	DRUM MAP - Exclusive mode - one note give sound
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	no Sound

## Interface utilisateur et raccordements





## Raccordement

Avant d'allumer ou d'éteindre votre appareil, veuillez-vous assurer que tous les appareils audio connectés servant à l'amplification du signal audio qui y sont raccordés soient réglés au minimum.

- ❶ Assurez-vous que l'interrupteur POWER situé à l'arrière de l'appareil est en position OFF (témoin LED éteint).
- ❷ Branchez le bloc d'alimentation fourni dans la prise C à l'arrière de l'appareil.
- ❸ Branchez l'autre extrémité du bloc d'alimentation sur une prise secteur. Assurez-vous que votre bloc d'alimentation est adapté à la tension d'alimentation.
- ❹ Connectez les sorties audio à un amplificateur, un haut-parleur actif ou utilisez un casque.
- ❺ Connectez le câble MIDI ou USB à l'appareil.

## Mettre en marche

Avant d'allumer ou d'éteindre votre appareil, veuillez-vous assurer que tous les appareils connectés contribuant à l'amplification du signal audio sont réglés au minimum.

- ❶ Appuyez sur l'interrupteur [POWER ON/OFF] situé à l'arrière.
- ❷ Tournez le bouton de réglage [MAIN VOLUME] pour adapter le volume sonore global.
- ❸ Réglez le volume de votre mélangeur ou de votre enceinte active.



### CONSEIL

*Montez le volume du Sonority XXL au maximum et réglez le volume du son sur le mélangeur.*

## Clavier USB

Le Sonority XXL est compatible avec tous les claviers USB audio de classe 1. Le Sonority XXL alimente votre périphérique USB avec un courant maximal de 100 mA.

Vérifiez la consommation électrique de votre appareil MIDI. Si la consommation de courant est supérieure à 100 mA, utilisez une alimentation séparée pour votre appareil.

Connectez ici votre clavier USB.



## Pédale forte

La polarité de la pédale forte est réglée automatiquement lorsque vous allumez le V3. Connectez la pédale avant d'allumer.

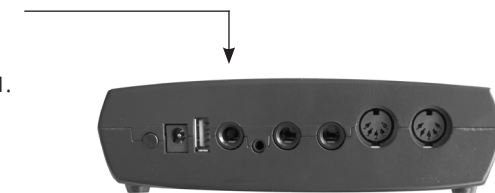
La pédale ne fonctionne que sur le canal MIDI 1.

## Aux Out - deuxième Stereo Out

Pour utiliser la sortie AUX OUT pour un canal MIDI, vous devez basculer 4 switches internes et envoyer un message MIDI sur le canal MIDI demandé.

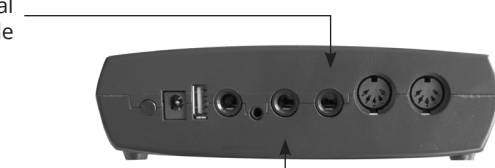
La connexion passe de 2 sorties mono à 2 sorties stéréo.

Une prise jack stéréo délivre alors le signal stéréo MAIN, et la deuxième prise délivre le signal des sorties AUX en stéréo.



STEREO L + R standard = BABAA (schéma)

STEREO + AUX = BBABB



## Sélectionner les sons

Le Sound expandeur Sonority XXL est un générateur de son MIDI multitimbral 16 canaux. Changez les sons en envoyant un changement de programme via MIDI.

La résonance sympathique, la fonction pédale forte « Grabbing » et la fonction demi-pédale ne sont actives que sur le canal MIDI 1.



### À PROPOS DE LA POLYPHONIE

*L'unité offre 256 voix mono. De nombreux sons du Sonority XXL utilisent 6 voix par touche.*

*Cela signifie : Si vous jouez avec les 10 doigts en même temps, vous utilisez 60 voix.*

*Si vous maintenez la pédale forte appuyée, ces 60 voix sont tenues et à la frappe suivante, on aura besoin de 60 autres voix. N'oubliez donc pas de relâcher la pédale forte !*

*Si vous dépassez la capacité de polyphonie, un clic est alors audible.*

## Medidas de precaución

### Avisos de seguridad



- Lea el manual de instrucciones antes de usar el dispositivo.
- No permita que ningún líquido entre en el dispositivo.
- No cargue el dispositivo con objetos.
- No manipule nunca la fuente de alimentación con las manos mojadas.
- Apague todos los dispositivos conectados antes de hacer ninguna conexión.

- No utilice ni almacene el dispositivo en un lugar donde:
- Haya vapor o humedad
- Esté expuesto a temperaturas extremas (P. ej. en un autobús de transporte en invierno),
- Esté expuesto a fuertes vibraciones.

### MANEJO

- Utilice siempre el equipo con su fuente de alimentación.
- Retire el cable sólo desconectando el enchufe y nunca tirando del cable.
- No someta el adaptador de red a tensiones mecánicas.

### SERVICIO AL CLIENTE • SOLUCIÓN DE PROBLEMAS

No intente realizar reparaciones inadecuadas, ya que esto podría causar daños permanentes a los componentes electrónicos. Además, perderá todos los derechos que le otorga la garantía.

### ACCESORIOS SUMINISTRADOS

Manual • Fuente de alimentación

### ALIMENTACIÓN DE TENSIÓN

9VDC / 1A

### RANGO DE TEMPERATURA DE FUNCIONAMIENTO

Rango de 10-40 grados centígrados

### HUMEDAD DEL AIRE

Máx. 80%, no condensante

## Derechos de autor:

Las grabaciones utilizadas en este dispositivo están protegidas por derechos de autor. Está prohibida su duplicación, procesamiento y distribución a terceros de cualquier forma (CDs con muestras de audio, soportes de datos con sonidos individuales, archivos destinados a la descarga, etc.).

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## Especificaciones técnicas

- Volumen maestro
- Reverberación maestra
- 4 GB de memoria flash
- 16 canales MIDI
- 4 salidas de audio (2 estéreo)
- Polifonía • 256 voces
- Conexión • Pedal de sostenidos
- Dim.: 12 cm x 12 cm x 6 cm • Peso: 0,21kg
- Puerto USB



La certificación CE está disponible en <http://www.v3sound.com/support/>



Este producto cumple con la norma FCC 47 CFR PART 15 SUBPART B

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## Legende

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
(1)	DRUM MAP - Exklusive mode
(1)	DRUM MAP - Exclusive mode - one note give sound
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	no Sound

## Interfaz de usuario y conexiones



## Conectar

Antes de encender o apagar su equipo, asegúrese de que todos los dispositivos de audio conectados que contribuyen a amplificar la señal de audio estén apagados.

- 1 Asegúrese de que el interruptor POWER situado en la parte posterior de la unidad esté en la posición OFF. (La luz LED no estará iluminada).
- 2 Enchufe la fuente de alimentación suministrada a la toma de corriente continua situada en la parte posterior de la unidad.
- 3 Conecte el otro extremo del adaptador de CA a una toma de corriente. Asegúrese de que su fuente de alimentación es adecuada para la tensión de alimentación.
- 4 Conecte las salidas de audio a un amplificador, altavoces activos o auriculares.
- 5 Conecte el cable MIDI o USB al equipo.

## Encendido

Antes de encender o apagar su equipo, asegúrese de que todos los dispositivos de audio conectados que contribuyen a amplificar la señal de audio estén apagados.

- 1 Pulse el interruptor POWER ON/OFF en el panel trasero del equipo.
- 2 Gire la perilla [MAIN VOLUME] para ajustar el volumen general.
- 3 Ajuste el volumen de su mezclador y/o altavoz.



### CONSEJO

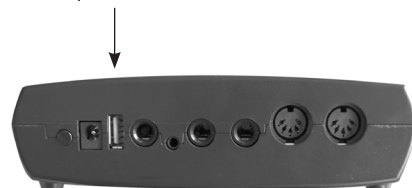
*Gire el volumen del Sonority XXL lo más alto posible y ajuste el volumen del sonido en el mezclador.*

## USB Keyboard

El Sonority XXL es compatible con cualquier teclado USB Audio Class 1. El Sonority XXL soporta su dispositivo USB con una corriente máxima de 100 mA.

Compruebe el consumo de energía de su dispositivo MIDI. Si el consumo de corriente supera los 100 mA, conecte su aparato con su propia fuente de alimentación.

Conecte aquí su teclado USB.



## Pedal de sostenidos

La polaridad del pedal de sostenidos se ajusta automáticamente al encender el V3. Conecte el pedal antes de encender el equipo.

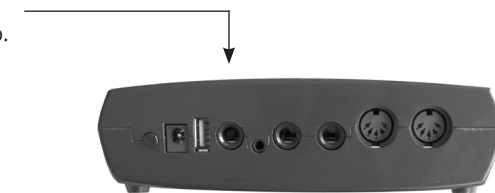
El pedal sólo funciona en el canal MIDI 1.

## Aux Out - segunda salida estéreo

Para utilizar la salida AUX OUT con un canal MIDI, deberá cambiar 4 interruptores internos y enviar un mensaje MIDI por el canal MIDI solicitado.

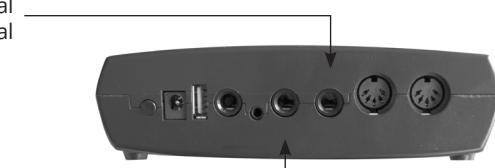
Entonces, la conexión cambia de 2 salidas mono a 2 salidas estéreo.

Un conector estéreo proporciona la señal estéreo MAIN y el segundo conector la señal para las salidas AUX en estéreo.



STEREO L + R standard = BABAA (gráfico)

STEREO + AUX = BBABB



## Seleccionar sonidos

El expansor de sonido Sonority XXL es un generador de sonido MIDI multi-timbre de 16 canales. Podrá modificar los sonidos enviando un cambio de programa a través del canal MIDI.

La resonancia simpática, la función de pedal sostenido "grabbing" y la función de medio pedal sólo están activas en el canal MIDI 1.



### SOBRE LA POLIFONÍA

*La unidad ofrece 256 voces de tipo mono. Muchos sonidos del Sonority XXL utilizan 6 voces por tecla.*

*Eso significa: Si presiona con los 10 dedos simultáneamente, se utilizarán 60 voces.*

*Si mantiene pulsado el pedal de sostenidos, estas 60 voces se mantendrán pulsadas y se necesitarán otras 60 voces cuando pulse una tecla nueva. ¡Así que no olvide soltar el pedal de sostenidos!*

*Si sobrepasa la capacidad de polifonía, sonará un clic.*

## PRECAUZIONI DI SICUREZZA

### ISTRUZIONI DI SICUREZZA



- Leggere il manuale dell'utente prima di utilizzare il dispositivo
- Non permettere che alcun liquido entri in contatto con il dispositivo
- Non posizionare altri oggetti sopra il dispositivo
- Non maneggiare l'alimentatore di alimentazione con le mani umide o bagnate
- Spegnerne tutti i dispositivi collegati prima di collegare qualsiasi nuovo dispositivo

Non utilizzare o riporre il dispositivo dove è esposto a:

- umidità
- cambiamenti estremi di temperatura (non conservare in un veicolo durante l'inverno)
- forti vibrazioni o scosse

### PRECAUZIONI DI UTILIZZO

- Utilizzare solo i cavi e l'alimentatore di corrente originali.
- Per scollegare il cavo di alimentazione dall'presa elettrica, afferrare sempre la spina e non il cavo, per evitare di danneggiarlo.
- Non esporre l'adattatore di alimentazione ad alcuna sollecitazione meccanica.

### ASSISTENZA CLIENTI

Non effettuare riparazioni a casa in quanto ciò potrebbe causare danni permanenti all'elettronica. In tal caso, qualsiasi richiesta di garanzia non sarà più valida.

### ACCESSORI IN DOTAZIONE

Manuale e alimentatore di corrente.

### REQUISITI DI POTENZA

9VDC / 1A

### UMIDITÀ

Massimo 80%, senza condensa

### TEMPERATURA DI FUNZIONAMENTO

Da 10 a 40 gradi Celsius


## COPYRIGHT


Tutte le registrazioni audio utilizzate nelle schede V3SOUND sono protette da copyright. Solo a V3SOUND è stato dato il diritto, da parte di tutti i musicisti coinvolti, di utilizzare questo materiale. E' assolutamente vietata qualsiasi duplicazione, modifica o qualsiasi altra copia di singoli suoni o dati a terzi in qualsiasi forma (CD di campionamento audio, dispositivo di archiviazione dati con suoni, download di qualsiasi file, ecc.).

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## SPECIFICHE TECNICHE

- Volume generale
- Reverbero generale
- 4 GB di memoria flash
- 16 canali MIDI
- 4 uscite audio (2 stereo)
- Polifonia di 256 voci
- Connessione disponibile per 1 pedale sustain
- Dimensioni: 12 cm (L) x 12 cm (L) x 6 cm (H)
- Peso: 0,2 kg
- Host USB

 La certificazione CE è disponibile all'indirizzo <http://www.v3sound.com/support/>

 Questo prodotto è conforme al FCC 47 CFR PART 15 SUBPART B

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## Legende

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
(1)	DRUM MAP - Exklusive mode
(1)	DRUM MAP - Exclusive mode - one note give sound
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	no Sound

## INTERFACCIA UTENTE E PORTE



## COLLEGAMENTO

Per evitare possibili danni ai diffusori o ad altri dispositivi elettronici collegati, collegare sempre tutti i cavi prima di accendere l'amplificatore o altoparlante. Accendere il Sonority XXL prima di qualsiasi altoparlante o amplificatori attivi.

- 1 Assicurati che l'interruttore POWER sul retro del dispositivo sia in posizione OFF (la luce del LED non è accesa).
- 2 Collega l'adattatore di alimentazione fornito con il dispositivo nella porta DC sul retro dell'unità.
- 3 Collega l'altra estremità dell'adattatore di alimentazione in una presa di corrente. Assicurarsi che l'adattatore sia compatibile con l'alimentazione di corrente in uso.
- 4 Collega le uscite audio a un amplificatore, altoparlanti attivi o cuffie.
- 5 Collega il cavo MIDI o USB all'unità V3.

## ACCENSIONE

Prima di accendere o spegnere il dispositivo, assicurati che tutti i dispositivi audio collegati che amplificano il segnale audio (mixer, amplificatore, altoparlanti attivi) abbiano i loro volumi al minimo.

- 1 Premi l'interruttore POWER ON/OFF sul parte posteriore del dispositivo.
- 2 Gira, in senso orario, la manopola del VOLUME PRINCIPALE sul dispositivo
- 3 V3 per regolare il volume. Regola il volume del tuo mixer o altoparlante attivo.



### CONSIGLIO

*Ruota il volume dell'unità V3 al massimo e quindi regola il volume del suono sul tuo mixer, amplificatore o altoparlante attivo.*

## USB TASTIERE

L'unità V3 può essere collegata a qualsiasi tastiera USB Audio compatibile Classe 1. Sonority XXL può alimentare una tastiera USB fino ad un massimo di 100mA.

Se la tua tastiera richiede più di 100mA, fornirsi di un alimentatore esterno.

Collega qui la tua tastiera USB.



## PEDALE

La polarità del pedale del forte (sustain) è assegnato automaticamente all'accensione dell'unità V3. Il pedale funziona solo sul canale MIDI 1.

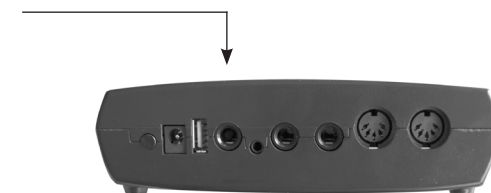
Collega il pedale prima di accendere il dispositivo.

## Aux Out - Seconda uscita stereo

Per poter utilizzare l'uscita ausiliare (AUX OUT) per qualsiasi canale MIDI, devi cambiare manualmente i quattro interruttori interni ed inviare un messaggio MIDI sul quel determinato canale MIDI.

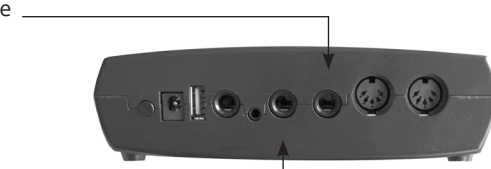
La connessione cambia da 2 porte mono a 2 porte stereo. Una porta stereo ti darà l'uscita principale (MAIN);

l'altra porta l'uscita stereo ausiliare (AUX).



STEREO L + R standard = BABAA (grafico)

STEREO + AUX = BBABB



## SELEZIONE DEI SUONI

La risonanza simpatica, l'uso ripetuto del pedale del forte (grabbing) e la funzione del mezzo-pedale sono attivi solo sul canale MIDI 1.



### POLIFONIA

*L'unità offre 256 suoni mono. Molti suoni del Sonority XXL usano 6 voci per nota.*

*Se suoni 10 note contemporaneamente, vengono utilizzate 60 voci.*

*Se si tiene premuto il pedale del forte (sustain), le 60 voci sono mantenute attive per cui ancora in uso.*

*Se suoni di nuovo, sono necessarie altre 60 voci. Quindi, non dimenticare di rilasciare il pedale del forte (sustain)!*

*Se superi il limite di polifonia, si ascolterà un click.*



0	Grand Piano
1	Bright Piano
2	Electric Grand Piano
3	Honky Tonk
4	E-Piano Tines
5	E-Piano FM
6	Harpsichord
7	Clavinet
8	Celesta
9	Glockenspiel
10	Music Box
11	Vibraphon
12	Marimba
13	Xylophon
14	Tubular Bell
15	Dulcimer
16	Drawbar Organ
17	Percussive Organ
18	Rock Organ
19	Church Organ
20	Reed Organ
21	Accordion
22	Harmonica
23	Accordion Tango
24	Nylon Guitar
25	Acoustic Steel
26	Jazz Guitar
27	Guitar clean
28	Guitar mute clean
29	Overdrive Guitar
30	Distortion Guitar
31	Guitar harmonics

32	Upright Jazz Bass
33	E-Bass fingered
34	E-Bass picked
35	Fretless Bass
36	Slap Bass 1
37	Slap Bass 2
38	Synth Bass 1
39	Synth Bass 2
40	Violin
41	Viola
42	Cello
43	Contrabass
44	Tremolo Strings
45	Pizzicato Strings
46	Harp
47	Timpani
48	String Ensemble 1
49	String Ensemble 2
50	Synth Strings 1
51	Synth Strings 2
52	Choir Aahs
53	Voice Dohs
54	Synth Voice
55	Orchestra Hit
56	Trumpet
57	Trombone
58	Tuba
59	Trp. Mute
60	Horn
61	Brass Section
62	Synth Brass 1
63	Synth Brass 2

64	Sopran Sax
65	Alto Sax
66	Tenor Sax
67	Bariton Sax
68	Oboe
69	English Horn
70	Bassoon
71	Clarinet
72	Piccolo
73	Flute
74	Recorder
75	Pan Flute
76	Blown Bottle
77	Shakuhachi
78	Whistle
79	Ocarina
80	Square Lead
81	Saw Lead
82	Calliope
83	Chiffer Lead
84	Charang
85	Solo Vox
86	5th Saw wave
87	Bass & Lead
88	New Age
89	Warm Pad
90	Polysynth
91	Choir pad
92	Bowed
93	Metallic
94	Halo pad
95	Sweep

96	Rain
97	Soundtrack 5th
98	Crystal
99	Atmosphere
100	Brightness
101	Goblins
102	Echoes
103	Sci-fi Star
104	Sitar
105	Banjo
106	Shamisen
107	Koto
108	Kalimba
109	Bag pipe
110	Fiddle
111	Shanai
112	Tinkle Bell
113	Agogo
114	Steel Drums
115	Woodblock
116	Taiko Drum
117	Melodic Tom
118	Synth Drum
119	Reverse Cymbal
120	Guitar Noise
121	Breath Noise
122	Seashore
123	Bird
124	Telephon
125	Helicopter
126	Applaus
127	Gunshot



## Piano Bank MSB 1

Prg.		
00	Grand Piano	<b>POLYPHONY</b>  <i>The unit offers 256 mono voices. Some sounds of the Sonority XXL use 6 voices per note. If you hit 10 notes at the same time, 60 voices are used. So, do not forget to release the sustain pedal! If you exceed the Polyphony, a clicking sound is audible.</i>
01	Grand Piano & Pedal down Resonance	
02	Rock Piano	
03	Rock Piano & Pedal down Resonance	
04	Classic Grand Piano	
05	Classic Grand Piano & Pedal dw. Resonance	
06	Honky Tonk	
07	Grand Latin Octave	
08	Upright Piano	
09	Grand Piano	Layered EP-FM
10	Grand Piano & E-Grand Rock	Layered MKS & CP Attack
11	Grand Piano	Layered Pad
12	Grand Piano	Layered Strings
127	Silence - no sound	

## E-Piano Bank MSB 2

Prg.		
0	Electric Grand	
1	Electric Grand & Mic. Attack	
2	Electric Grand MKS	MKS & Grand
3	Electric Grand Mic. Attack	curved velocity - layer this sound
4	E-Piano MK1 Classic	
5	E-Piano MK1 Classic	soft
6	E-Piano MK1 Classic	Layered MKS
7	E-Piano MK1 Classic	Tremolo 1
8	E-Piano MK1 Classic	Layered Bell
9	E-Piano MK1 Classic	Layered EP-FM
10	E-Piano MK1 Classic	Layered Pad
11	E-Piano V3 Bella	
12	E-Piano V3 Bella	Note-off 1 Octave up
13	E-Piano V3 Bella	Layered Cortales
14	E-Piano V3 Bella	Layered Pad
15	E-Piano Wurl. A200	
16	E-Piano Wurl. A200	Tremolo 1
17	E-Piano Wurl. A200	Tremolo 2

## E-Piano Bank MSB 2

Prg.		
18	E-Piano DX Classic	
19	E-Piano FM	
20	E-Piano FM	Layered Bell
21	E-Piano FM	Filter
22	E-Piano FM	Note-off
23	E-Piano FM	Layered MKS
24	E-Piano FM	Tremolo 1
25	E-Piano FM	Tremolo 2
26	E-Piano FM	Layered Bell
27	E-Piano FM	Layered Bell & Pad
127	Silence - no sound	

## Organ Bank MSB 3

Prg.		
0	Organ 776555678 slow	slow Rotary
1	Organ 776555678 fast	fast Rotary
2	Organ 800000568 slow	slow Rotary
3	Organ 800000568 fast	fast Rotary
4	Organ 008530000 slow	slow Rotary
5	Organ 008530000 fast	fast Rotary
6	Organ 800000000 slow	slow Rotary
7	Organ 800000000 fast	fast Rotary
8	Organ 807800000 slow	slow Rotary
9	Organ 807800000 fast	fast Rotary
10	Organ 804708000 slow	slow Rotary
11	Organ 804708000 fast	fast Rotary
12	Organ 800008000 slow	slow Rotary
13	Organ 800008000 fast	fast Rotary
14	Organ 800000008 slow	slow Rotary
15	Organ 800000008 fast	fast Rotary
16	Organ 687600000 slow	slow Rotary
17	Organ 687600000 fast	fast Rotary
18	Organ 888 perc slow	
19	Rock Organ	
20	Ham Full	
21	Ham L100 Retro KW1	
22	Ham L100 Retro KW2	

# Organ

Bank MSB 3

Prg.		
23	German Organ DB slow	
24	German Organ DB fast	
25	German Organ FL slow	
26	German Organ FL fast	
27	Version UK	
28	Theatre Organ Mighty Tower	
29	Theatre Organ + Xylophone Reiteration	
30	Theatre Organ + Glocken Reiteration	
31	Theatre Organ Piston 2	
32	Theatre O. Piston 2+ Xylo. Reiteration	
33	Theatre O. Piston 2 + Glocken Reiteration	
34	Theatre Organ Royal	
35	Theatre O. Royal + Xylo. Reiteration	
36	Theatre O. Royal + Glocken Reiteration	
37	Theatre Organ Pedal Bass	
38	Organ House	
39	Combo Retro Vibrato 1	
40	Combo Retro Vibrato 2	
41	Classic Organ Tutti 1	
42	Classic Organ Tutti 2	
43	Classic Organ Pipe Flute	
44	Classic Organ Pipe Combi	
45	Classic Organ Pedal Flute 16	
118	Theatre Organ Glocken Hit	
119	Theatre Organ Glocken short	
120	Theatre Organ Glocken Reiteration	
121	Theatre Organ Xylophone Hit	
122	Theatre Organ Xylo. Reiteration	
123	Theatre Organ Xylo. Hit & Reiteration	
124	T. O. Glocken Reiteration	velocity dynamic
125	T. O. Xylo Reiteration	velocity dynamic
126	Organ Click	
127	Silence - no sound	

# Organ - Drawbar Registrations

Bank MSB 4

Prg.	Attitudes of	16	5 <sup>1/3</sup>	8	4	2 <sup>2/3</sup>	2	1 <sup>3/5</sup>	1 <sup>1/3</sup>	1	Percussion
00	Jimmy Smith	8	8	8							Perc 3
01	Joey DeFrancesco	8	8	8						8	Perc 2
02	Charles Earland	8	8	8	8						Perc 3
03	Brian Auger	8	8	8	6						Perc 2
04	Garner-Set	8					8	8	8	8	Perc 3
05	Piano Set	8									Perc 2
06	Walter Wanderley	8			7						Perc 2
07	Whistle	8								8	Perc 2
08	Gospel Set	8		8	8	4	4			8	Perc 2
09	Blues Set	8	8	5	3	2	3	5	8	8	Perc 3
10	EasyListening	8		8		8		8		8	Perc 2
11	Jimmy Smith	8	8								Perc 3
12	Jimmy Smith	8		8							Perc 3
13	Joey Defrancesco	8	8	7	6				4		Perc 3
14	Ballad 2	8				2					Perc 2
15	Jesse Crawford	8			8						Perc 3
16	Joey Defrancesco	8	3	8							Perc 3
17	Booker T. Jones	8	8	8	6	3					Perc 3
18	Green Onions	8		8	8					8	Perc 3
19	Matthew Fisher	8			8		8				Perc 2
20	Jimmy McGriff Gospel	8	8	8	6					6	Perc 2
21	Chords			4	3	7					Perc 3
22	Chords			8	4						Perc 2
23	Walter Wanderley			8	8					6	Perc 3
24	Walter Wanderley			8			8				Perc 3
25	Lenny Dee	8	8	8				8			Perc 2
26	Lenny Dee	8		8		8		8		8	Perc 3
27	Lenny Dee		8	8				8	8	8	Perc 2
28	Ethel Smith	8	8	8	8					8	Perc 2
29	Ken Griffin	8		8	8		8			8	Perc 2
30	Jon Lord	8	8	8							Perc 2
31	Jimmy Smith	8	8								Perc 2
32	Jimmy Smith	8		8							Perc 2
33	Exclusive	8		8							Perc 2 & 3 Repetition
34	Exclusive	8	3	8							Perc 2 & 3 Repetition

## Organ - Drawbar Registrations

Bank MSB 4

Prg.		16	5 <sup>1/3</sup>	8	4	2 <sup>2/3</sup>	2	1 <sup>3/5</sup>	1 <sup>1/3</sup>	1	Percussion
35	Standard	8	8	8				7	6	6	Perc 2
36	Standard	8	8	8	5	5	5	6	6	6	Perc 2
37	Standard	8	8	8	8	8	8				Perc 3
38	Standard	8	8	8	5	4	4	8	8	8	Perc 3
39	Standard	8			8	8	8	7	6	6	Perc 3
40	Experiment	8	8	8			6				Perc 1 exp.
41	Experiment	8	7			6		5			Perc 1 exp.
42	Experiment	8	8	8	8	5					Perc 1 <sup>3/5</sup> exp.
43	Experiment	8	7		6	5					Perc 8 exp.
44	Standard	8	7		6		7				Perc 3

## Organ - Drawbars

Bank MSB 4

Prg.	
45	Bars 1st Three
46	Bars 1st Four
47	Bar 16
48	Bars 16 + 8
49	Bar 8
50	Bar 5 1/3
51	Vib A (HPF)
52	Vib B (HPF)
53	Full Organ (HPF)
54	Highest (HPF)
55	Middle Mixed (HPF)
56	Bars 1st Three
57	Bars 1st Four
58	Bar 16
59	Bar 16 & 8
60	Bar 8
61	Bar 5 1/3
62	Bar 4
63	Bar 2 2/3
64	Bar 2
65	Bar 1 3/5
66	Bar 1 1/3
67	Bar 1

Prg.	
68	Percussion 2
69	Percussion 2 long
70	Percussion 3
71	Percussion 3 long
72	Organ Click
127	Silence - no sound

## Perc. Tuned Instr. Bank MSB 5

Prg.	
0	Music Box
1	Music Box octave delay
2	Music Box octave delay - soft Attack
3	Vibraphone
4	Vibraphone short Release
5	Vibraphone soft Attack
6	Vibraphone no Vibrato
7	Vibraphone no Vibrato shot Release
8	Vibraphone fast Tremolo
9	Celeste
10	Tinkle
11	Marimba
12	Marimba octave delay
13	Marimba & Xylophone
14	Xylophone
15	Xylophone octave delay
16	Tubular Bell
17	Tubular Bell 2
18	Timpani
19	Kalimba
20	Cortales
21	Steel drums
22	Alpin Bells Hit
23	Alpin Bells Roll
24	Alpin Bells Hit & Roll
25	Bells
127	Silence - no sound

## String Instr.

Bank MSB 6

Prg.	
0	Harpichord
1	Harpichord & Octave
2	Clavinet 1
3	Clavinet 2
4	Zither
5	Dulcimer 3 strings
6	Dulcimer 3 strings+
7	Dulcimer 3 strings Tremolo
8	Dulcimer 3 strings bowed
9	Dulcimer 5 strings
10	Dulcimer 5 strings+
11	Dulcimer 5 strings Tremolo
12	Dulcimer 5 strings bowed
13	Harp
14	Harp long
127	Silence - no sound

## Guitar

Bank MSB 7

Prg.	
00	Guitar Nylon
01	Guitar Nylon soft
02	Guitar Nylon Octave
03	G. Nylon Slide velo. 116-127
04	Guitar Nylon Harmonics
05	Guitar Steel 1
06	Guitar Steel 1 soft
07	Guitar Steel 1 hard
08	Guitar Steel 1 double
09	Guitar Steel 1 mute
10	Guitar Steel 1 bowed
11	Guitar Steel 2
12	Guitar Steel 2 soft Attack
13	Guitar Steel 3
14	Guitar Steel 3 soft Attack
15	Banjo
16	Banjo Slide velo. 116-127
17	Mandoline Italian
18	Mandoline Ensemble Tremolo
19	Mandoline Ensemble
20	M. Ens. Split velo. 116-127 Split

## Guitar

Bank MSB 7

Prg.	
21	Git. Jazz 1
22	Git. Jazz 2
23	Git. Jazz & Octave
24	Pedal Steel Vibrato
25	Pedal Steel
26	Pedal Steel bowed
27	P. Steel Slide velo. 116-127
28	Guitar Jazz 3
29	Guitar Jazz 3 Chicken Picking
30	Guitar Jazz 4
31	Guitar Jazz 4 Chicken Picking
32	E-Guitar 1 US clean
33	E-Guitar 1 US mute
34	E-Guitar 2 BR clean HPF
35	E-Guitar 2 BR mute HPF
36	E-Guitar Overdrive
37	E-Guitar Distortion
38	Rhythm Guitar
39	Rhythm Guitar
123	Nylon Guitar Percussion
124	Guitar stroke
125	Guitar noise
126	Guitar ghost note
127	Silence - no sound

## Accordion

Bank MSB 8

Prg.		Prg.	
00	Harmonica	37	Big Musette
01	Harmonica Slide velo. 116-127	38	Accordion 16
02	Harmonica Vibrato	39	Accordion 8+16
03	Accordina	40	Accordion 4+8+16
04	Accordion Musette 888	41	Accordion 4+16
05	Accordion Musette 888+16	42	Accordion 888
06	Accordion Musette 4+888	43	Accordion 888+
07	Accordion Musette 4+888+16	44	Accordion 888++
08	Accordion Musette Vintage Italian	45	Accordion 888+++
09	Accordion Vintage Musette VM 888	46	Accordion 8
10	Accordion Vintage Musette VM 888+16	47	Accordion 8+16
11	Accordion Vintage Musette VM 4+888	48	Accordion 4+8+16
12	Accordion V. Musette VM 4+888+16	49	Accordion 4+8
13	Accordion Musette 888 Benelux	50	Melodeon 8
14	Accordion Musette 888 Germany	51	Melodeon 88 flat
15	Accordion Musette 888 Italy Retro	52	Melodeon 88 medium
16	Accordion Musette 888 French	53	Melodeon 88 wide
17	Accordion 88 French	54	Melodeon 816
18	Accordion 88+16	55	Melodeon Tradition Austria „Steirische“
19	Accordion 4+88	56	Melodeon Tradition Norway „Corona“
20	Accordion 4+88+16	57	Melodeon Tradition Irish „Saturn“
21	Tango 8+16	58	Melodeon Tradition Swiss „Örgeli“
22	Tango 8+16 Repetition	59	Melodeon Tradition Benelux „Serena“
23	Accordion Celeste 88 French	117	Jew's harp
24	Accordion Celeste 88+16	118	Elec. Accordion VOX4
25	Accordion Celeste 4+88+16	119	Elec. Accordion VOX4
26	Accordion Celeste VE10 88 French	120	Accordion Bass & Chord
27	Accordion Celeste VE10 88+16	121	Melodeon Chord
28	Accordion Super VI - Reed 8	122	Melodeon Bass
29	Accordion Super VI - Reed 4+8	123	Melodeon Bass Helikon
30	Accordion Super VI - Reed 88	124	Accordion Attack noise Curve 3
31	Accordion Super VI - Reed 4+16	125	Accordion Attack noise Curve linear
32	Accordion Super VI - Reed 4+88	126	Accordion Bellow noise
33	Accordion Super VI - Reed 8+16	127	Silence - no sound
34	Accordion Super VI - Reed 4+8+16		
35	Accordion Super VI - Reed 88+16		
36	Accordion Super VI - Reed 4+88+16		

## Full Strings & Disco Strings

Bank MSB 9

Prg.		
00	Full Strings 1 Chamber Emotion	velocity to Attack
01	Full Strings 1 Chamber short	Release shot
02	Full Strings 1 Chamber medium	Release medium
03	Full Strings 1 Chamber long	Release long
04	Full Strings 1 Chamber slow	Slow Attack
05	Full Strings 2 short	Release shot
06	Full Strings 2 medium	Release medium
07	Full Strings 2 long	Release long
08	Full Strings 2 forte	forte only
09	Full Strings 2 piano	piano only
10	Full Strings 3 Emotion	velocity to Attack time
11	Full Strings 3 FAD	layered 4
12	Full Strings 3 slow	slow
13	Full Strings 3	standard
14	Full Strings Tremolo	
15	Full Strings Pizzicato	
16	Disco Strings long	
17	Disco Strings short	
18	Disco Strings Glide down	
19	Disco Strings Slide	velo. 116-127 Slide

## String Ensembles Classic

Bank MSB 9

Prg.		
20	Violin Ensemble	velocity split with arco
21	Violin Ensemble	velocity split
22	Violin Ensemble	piano only
23	Violin Ensemble	slow
24	Violin Ensemble	piano only slow
25	Violin Ensemble	detache
26	Violin Ensemble	legato
27	Violin Ensemble	sordino
28	Violin Ensemble	tremolo
29	Violin Ensemble	pizzicato
30	Viola Ensemble	velocity split with arco
31	Viola Ensemble	velocity split
32	Viola Ensemble	piano only
33	Viola Ensemble	slow
34	Viola Ensemble	piano only slow
35	Viola Ensemble	detache
36	Viola Ensemble	legato
37	Viola Ensemble	sordino
38	Viola Ensemble	tremolo
39	Viola Ensemble	pizzicato
40	Cello Ensemble	velocity split with arco
41	Cello Ensemble	velocity split
43	Cello Ensemble	slow
45	Cello Ensemble	detache
46	Cello Ensemble	legato
48	Cello Ensemble	tremolo
49	Cello Ensemble	pizzicato
50	Contra Bass Ensemble	velocity split with arco
51	Contra Bass Ensemble	velocity split
53	Contra Bass Ensemble	slow
55	Contra Bass Ensemble	detache
56	Contra Bass Ensemble	legato
58	Contra Bass Ensemble	tremolo
59	Contra Bass Ensemble	pizzicato
125	String Ensemble Detache only	Dynamic curve 1
126	String Ensemble Detache only	Dynamic curve 2
127	Silence - no sound	

## Solo Strings

Bank MSB 10

Prg.		
0	Geige	
1	Geige	soft Attack
2	Geige	legato Attack - no arco
3	Geige	legato up Attack
4	Geige	legato down Attack
5	Geige Slide	velo. 116-127 Slide
6	Celtic Fiddle	
7	Celtic Fiddle	more arco
8	Celtic Fiddle Slide	velo. 116-127 Slide
9	Classic Solo Violin	velocity dynamic
10	Classic Solo Violin	marcato
11	Classic Solo Violin	slow
12	Classic Solo Violin	detache
13	Classic Solo Violin	legato
14	Classic Solo Violin	tremolo
15	Classic Solo Violin	pizzicato
16	Classic Solo Viola	velocity dynamic
17	Classic Solo Viola	marcato
18	Classic Solo Viola	slow
19	Classic Solo Viola	detache
20	Classic Solo Viola	legato
21	Classic Solo Viola	tremolo
22	Classic Solo Viola	pizzicato
23	Classic Solo Cello	velocity dynamic
24	Classic Solo Cello	marcato
25	Classic Solo Cello	slow
26	Classic Solo Cello	detache
27	Classic Solo Cello	legato
28	Classic Solo Cello	tremolo
29	Classic Solo Cello	pizzicato
30	Classic Solo Contra Bass	velocity dynamic
31	Classic Solo Contra Bass	marcato
32	Classic Solo Contra Bass	slow
33	Classic Solo Contra Bass	detache
34	Classic Solo Contra Bass	legato
35	Classic Solo Contra Bass	tremolo
36	Classic Solo Contra Bass	pizzicato
127	Silence - no sound	

## Synth Strings

Bank MSB 11

Prg.		
0	Strings PWM	
1	Strings PWM - up	
2	Strings PWM - ENV	
3	Strings PWM - notch	
4	Strings MKS	
5	Strings MKS II	
6	Strings MKS LP24	
7	Strings MKS Rise	
8	Strings Retro Solino	
9	Stringmaster Retro	
10	Strings M12	
11	Strings M12	
12	Strings M12	
13	Strings M12 Notch	
14	Strings M12 Notch	
15	Strings M12 Notch	
16	Chroma Strings LPF	
17	Chroma Strings Notch	
18	Chroma Strings BPF	
19	Chroma Strings HPF	
20	Strings MKS fast	
21	Strings MKS medium	
22	Strings MKS slow	

Prg.		
23	Analog Strings mono fast	
24	Analog Strings mono medium	
25	Analog Strings mono slow	
26	JP Strings mono fast	
27	JP Strings mono medium	
28	JP Strings mono slow	
29	JP mono BPF	
30	MKS Strings fast	
31	MKS Strings medium	
32	MKS Strings slow	
33	OB Strings fast	
34	OB Strings slow	
35	OB Strings II mono LPF	
36	OB Strings II mono BPF	
37	OB Strings II mono HPF	
127	Silence - no sound	



## Brass Solo

Bank MSB 12

Prg.		
0	Trumpet 1	velo. split 48 - 96
1	Trumpet 1	velo. split 64
2	Trumpet 1	piano only
3	Trumpet 1	mezzo only
4	Trumpet 1	forte only
5	Trumpet 1	velocity zone 116-127 fall
6	Trumpet 1	velocity zone 116-127 goup
7	Trumpet 1	velocity zone 116-127 Slide
8	Trumpet 2 Ivan	
9	Trumpet 2 Ivan	4 velocity split
10	Trumpet 2 Ivan 1/4 note	
11	Trumpet 2 Ivan 1/4 note	4 velocity split
12	Trumpet 3 Vibrato	5 velocity split
13	Trumpet 3 Vibrato soft	3 velocity split - soft version
14	Trumpet 3 Vibrato hard	3 velocity split - hard only
15	Trumpet 3 Vibrato 2	Modell 2
16	Trumpet 3 Vibrato sfz	sfz
17	Trumpet 3 Vibrato leagto	leagto
18	Trumpet 3 High Lead - no Vibrato	ff Lead only
19	Cornet	
20	Cornet	soft
21	Cornet	hard
22	Cornet	portamento Attack
23	Trumpet mute	
24	Trumpet mute AV	Repetition / Auto Variation
25	Flugelhorn	
26	Trombone Vibrato	
27	Trombone	
28	Trombone damper	
29	F-Horn	
30	Tenorhorn	
31	Tenorhorn Vibrato	

## Brass Solo

Bank MSB 12

Prg.		
32	Alphorn	
33	Baritone horn Vibrato	
34	Baritone horn staccato	
35	Tuba	
36	Tuba soft	
127	Silence	no sound

## Brass Section

Bank MSB 13

Prg.		
0	US Trumpet Section	dynamic split
1	US Trumpet Section forte	forte
2	US Trumpet Section mezzo	mezzo
3	US Trumpet Section fast fall	fast fall
4	US Trumpet Section medium fall	medium fall
5	US Trumpet Section Split	velo. 116-127 fall
6	US Trombone Section	dynamic split
7	US Trombone Section forte	forte
8	US Trombone Section mezzo	mezzo
9	US Trombone Section fast fall	fast fall
10	US Trombone Section medium fall	medium fall
11	US Trombone Section Split	velo. 116-127 fall
12	US Trump. & Trombone Section	dynamic split
13	US Trump. & Trombone Section forte	forte
14	US Trump. & Trombone Section mz	mezzo
15	Flugelhorn Duo	
16	Tenorhorn Ensemble Vibrato	
17	Alphorn Duett	
18	Alphorn Trio	
19	Alphorn Ensemble	
127	Silence - no sound	

## Classic Brass

Bank MSB 14

Prg.			
00	Classic Trumpet Solo		
01	Classic Trumpet Solo	just piano	
02	Classic Trumpet Solo	staccato	
03	Classic Trombone Solo		
04	Classic Trombone Solo	just piano	
05	Classic Trombone Solo	staccato	
06	Classic Horn Solo		
07	Classic Horn Solo	just piano	
08	Classic Horn Solo	staccato	
09	Classic Tuba Solo		
10	Classic Tuba Solo	just piano	
11	Classic Tuba Solo	staccato	
12	Full Brass Classic Ensemble	velocity split	
13	Full Brass Classic Ensemble	piano only	
14	Classic Trumpet Ensemble	velocity split	
15	Classic Trumpet Ensemble	piano only	
16	Classic Trumpet Ensemble	staccato	
17	Classic Trombone Ensemble	velocity split	
18	Classic Trombone Ensemble	piano only	
19	Classic Trombone Ensemble	staccato	
20	Horn Ensemble	velocity split	
21	Horn Ensemble	piano only	
22	Horn Ensemble	staccato	
23	Tuba Ensemble		
126	Horn Ensemble	Riff up	
127	Silence - no sound		

## Saxophone

Bank MSB 15

Prg.			
00	Soprano Sax	dynamic split	
01	Soprano Sax softer	softer zones	
02	Soprano Sax harder	harder zones	
03	Soprano Sax and noise	breath noise	
04	Soprano Sax Slide	velo. 116-127 Slide	
05	Soprano Sax II more Vibrato		
06	Alto Sax	dynamic split	
07	Alto Sax softer	softer zones	
08	Alto Sax harder	harder zones	
09	Alto Sax breath	breath noise	
10	Alto Sax Slide	velo. 116-127 Slide	
11	Tenor Sax	dynamic split	
12	Tenor Sax softer	softer zones	
13	Tenor Sax harder	harder zones	
14	Tenor Sax breath	breath noise	
15	Tenor Sax Slide	velo. 116-127 Slide	
16	Max Jazz Tenor	velo. split 116	Random Key & breath noise
17	Max Jazz Tenor	velo. split 64	Random Key & breath noise
18	Max Jazz Tenor soft	soft only	Random Key & breath noise
19	Max Jazz Tenor	velo. split 96	
20	Max Jazz Tenor Vibrato less delay	velo. split 96	
21	Max Jazz Tenor soft	soft only	breath noise
22	Max Jazz Tenor Slide	velo. 116-127 Slide	Random Key & breath noise
23	Max Jazz Tenor Slide soft	velo. 116-127 Slide	Random Key & breath noise
24	Tenor Sax Funky		
25	Tenor Sax Funky growl		
26	Tenor Sax Funky Split	velo. split 116	
27	Baritone Sax		
28	Sax Section 1		
29	Sax Section 2		
126	Sax Breath Noise only		
127	Silence - no sound		

## Winds

Bank MSB 16

Prg.		
0	Clarinet	
1	Clarinet soft	
2	Clarinet Slide	velocity zone 116-127 Slide
3	Hugo Clarinet - no loop	
4	Hugo Clarinet Slide	velocity zone 116-127 Slide
5	Clarinet Vito Tradition	
6	Clarinet Vito Tradition	
7	Clarinet Vito Tradition soft	soft velocity 1-97
8	Clarinet Vito Tradition	staccato
9	Clarinet Vito Tradition	staccato
10	Piccolo	
11	Flute	
12	Flute EQ	
13	Flute High Pass Filter	
14	Low Whistle	
15	Panflute	
16	Shakuhachi	
17	Celtic High Whistle	
18	Celtic High Whistle Grace note AV	Auto Grace note
19	C. High Wh. Slide	velocity zone 116-127 Slide
20	Bottle	
21	Bottle Q	
22	Bottle LFO	
23	Whistle	
24	Okarina	
25	Highland Pipers & Drone Ensemble	split note 60 - c1
26	Ullian Piper & Drone	
27	Ullian Piper & Drone Grace note AV	Auto Grace note
28	Ullian Piper & Dr. Slide	velocity zone 116-127 Slide
29	Ullian Drone & Chords	
30	Border Pipe	
31	Border Pipe AV	Auto Grace note
32	Border Pipe Slide	velocity zone 116-127 Slide
33	Border Pipe Drone	
127	Silence	no sound

## Classic Winds

Bank MSB 17

Prg.		
0	Classic Flute	
1	Classic Flute	just piano
2	Classic Flute	staccato
3	Oboe	
4	Oboe	just piano
5	Oboe	staccato
6	English horn	
7	English horn	just piano
8	English horn	staccato
9	Classic Clarinet	
10	Classic Clarinet	just piano
11	Classic Clarinet	staccato
12	Bassoon	
13	Bassoon	just piano
14	Bassoon	staccato
15	Bass Clarinet	
16	Contra Bassoon	
17	Flute Ensemble	
18	Clarinet Ensemble	
127	Silence	no sound

## Choir

Bank MSB 18

Prg.		
00	Classic Choir Aah	
01	Classic Choir Aah	Filter
02	Classic Choir Ooh	
03	Classic Choir Ooh	Filter
04	Choir Pop Ooh	
05	Choir Pop Ooh	Filter
06	Synth Voice	
07	Classic Voice	
08	Boys Aah	
09	Boys Bap	
10	Boys Daa	
11	Boys Doo Bass	
12	Boys Doo	
13	Boys Falsetto Ooh	
14	Boys Hmm	
15	Boys Laa	
16	Boys Mix Ooh	
17	Boys Ooh	
18	Girls Aah	
19	Girls Doo	
20	Girls Ooh	
21	Voiceless	
126	Voice Kit	mapping like Drum Kit 58
127	Silence - no sound	

## Bass

Bank MSB 19

Prg.		
00	E-Bass 1	
01	E-Bass 1 & Note-off	
02	E-Bass 1 Slide	velocity zone 116-127 Slide
03	E-Bass 2	
04	E-Bass 2 & Note-off	
05	E-Bass 3	
06	E-Bass 3 Slide	velocity zone 116-127 Slide
07	E-Bass 4	
08	E-Bass 5 Picking 1	
09	E-Bass 5 Picking 1 & Note-off	
10	E-Bass 6 Picking 2	
11	E-Bass 6 Picking 2 & Note-off	
12	E-Bass 7	
13	E-Bass 7	Repetition
14	E-Bass 7 & Note-off	Repetition
15	E-Bass Fretless	
16	E-Bass Slap 1	
17	E-Bass Slap 1 & Note-off	
18	E-Bass Slap 2	
19	E-Bass Slap 2 & Note-off	
20	Upright Jazz Bass	Random
21	Upright Jazz Bass & Note-off	Random
22	Upright Jazz Bass	velocity split at 96 & 105
23	Upright Jazz Bass & Note-off	velocity split at 96 & 105
24	Upright Jazz Bass	velocity split 120
25	Upright Jazz Bass & Note-off	velocity split 120
26	Upright Jazz Bass	no finger Attack
27	Upright Bass	finger Attack
28	Upright Bass	more finger Attack
29	Upright Bass	no finger Attack
30	Upright Bass DI	
31	Upright Bass DI	no finger Attack
32	Upright Bass DI long Release	
33	Upright Bass DI long Release	no finger Attack
34	Bowed Upright Bass	
35	Bowed Upright Bass	shorter Release
127	Silence	no sound

# Synthesizer

Bank MSB 20

Prg.	
0	Bells & Pad
1	Digital Pad
2	OBX & Wavebell
3	DX1 Toy
4	Star Theme
5	Brightness
6	OB & Noise
7	Atmos
8	Brass Comp
9	Brass Rex
10	Polysynth Classic
11	Halo Pad
12	Caliopie
13	Charang
14	Fairly Space
15	Echo Drop
16	VF Vox
17	Bass & Lead
18	Fantasia
19	Bowed Glass
20	Soft Pad
21	Ice Rain
22	Goblin
23	SoundTrack
24	Atmosguitar
25	Bottle soft
26	Polysynth Classic 5th
27	SquareLead
28	P5Brass
29	Saw

Prg.	
30	SawEnv
31	C-Lead
32	SoloVox
33	MetalPad
34	JunoSweep
35	Vangbrass
36	Crystal
37	FM8
38	Mo55
39	DXBell
40	OBS1
41	OBSOft
42	Hook
43	FMPluk
44	FMBrazz
45	Ice
46	BoHook
47	VPhrase
48	VP1
49	Grace
50	Noise
51	Digrace
52	Shinner
53	Pad-A
54	Vibro
55	Digisi
56	Alex
57	VZBell
58	VZ1
59	Mizoo

# Synthesizer

Bank MSB 20

Prg.	
60	Bellko
61	Bellz
62	AnalogOB
63	M3Osc
64	M12Brass
65	M12Brass ENV
66	OBLead
67	OBArp
68	OBell
69	OBBrass
70	Mach1
71	Brazza
72	Brasso
73	T8SuperBrass
74	T8SuperBrass ENV
75	Dells
76	Pulse
77	Pulso
78	PWD24
79	Xypho
80	Charpo
81	Jippo
82	JXArp
83	Bamarimba
84	JCO10
85	JXBell
86	StabBrass
87	Clouds
88	BellHit HP Filter
89	OBNoise
90	Noise down
91	Voxo (Notch filter 12)
92	APad Notch (Notch filter 12)
93	PWD (Notch filter 12)
94	MOSC (Notch filter 12)

Prg.	
95	Square (Band pass filter 24)
96	OXB (Band pass filter 24)
97	Hook (Band pass filter 24)
98	Pulso (Band pass filter 24)
99	Jops (Band pass filter 12)
100	Filter (Band pass filter 24)
101	PolyS (Band pass filter 24)
102	OBLead (Band pass filter 24)
103	JXBell (Notch Filter 24)
104	Barimbo (Band pass filter 24)
105	Arpp (Band pass filter 24)
106	Bottle (High pass filter 12)
107	Jells (Band pass filter 24)
108	Poly (High pass filter 24)
109	Mogo (High pass filter 24)
110	HBells (High pass filter 24)
111	HBelly (High pass filter 6)
112	HBrass (High pass filter 24)
113	ClassicPoly (High pass filter 12)
114	Harppo (High pass filter 24)
115	Hipps (High pass filter 6)

## Syn. Bass

Bank MSB 20

Prg.	
116	Classic Synth Bass
117	Classic Synth Bass Rezo
118	JBass 1
119	JBass 2
120	JBass 3
121	JBass soft
122	CS Classic Bass
123	MoBass
124	MoBass ENV
125	XBass 1
126	XBass 2
127	Silence

## FX & Percussion

Bank MSB 21

Prg.		
00	Orchestra Hit Major	
01	Orchestra Hit Minor	
62	Synth FX down	
63	Synth FX up	
64	Drum Kit	Map Drum Kit 0
65	Percussion Kit	Map Drum Kit 56
66	Classic Percussion	Map Drum Kit 48
	70-77 Acoustic Kick Drums	Sounds from Drum Kit 0-7
	78-85 Acoustic Kick Drum	Sounds from Drum Kit 8-15
	86-89 Acoustic Kick Drum	Sounds from Drum Kit 16-19
	90-93 Acoustic Kick Drum	Sounds from Drum Kit 32-35
	94 Classic Bass drum note	Sounds from Classic PercussionKit 48
	95 Concert Bass drum	Sounds from Concert Band Kit 49
	96-103 E-Bass Drum	Sounds from E-Drum Kit 24-31
127	Silence - no sound	



### Prg. 70-103

When you use programs 70-103 in MIDI files, play notes 24, 48 and 84. Thus, these bass drum sounds sound correctly even when transposed.

## Drum Kit (Channel 10)

### ACOUSTIC STANDARD

0	Standard
1	Pop 1
2	Pop 2
3	Hit
4	Vintage
5	Rock
6	Tradition Buzzer Snare
7	Latin

### ROOM & OVERHEAD

8	Standard
9	Pop 1
10	Pop 2
11	Studio
12	Vintage
13	Rock
14	Hit 1
15	Hit 2

### POWER KITS

16	Rock 1
17	Rock 2
18	Rock 3
19	Rock 4

### ELECTRONIC & DANCE

24	Dance
25	Electric
26	808/909
27	808
28	606
29	Dance
30	Dance
31	House

### ACOUSTIC JAZZ

32	Light
33	Medium
34	Radio King

### DRUM KITS - ACOUSTIC BRUSH

40	Medium 1
41	Medium 2

### DRUM KITS - ACOUSTIC BRUSH

48	Classic Percussion
49	Concert Band

### DRUM KITS - Specials

56	Latin Percussion
58	Vocal Kit



### 2ND DRUM KIT

After power on the drum kits are only available on parts with active DRUM MODE. The default MIDI channel for this is MIDI channel 10. You can also set a second part to DRUM MODE with a System Exclusive command.



	Nr.	Prg. 0 Standard Kit	Prg. 1 Standard Kit	Prg. 2 Standard Kit	Prg. 3 Standard Kit	Prg. 4 Standard Kit	Prg. 5 Standard Kit	Prg. 6 Standard Kit	Prg. 7 Standard Kit		Nr.	Prg. 0 - 7	
G	7	Dance Kick	~	~	~	~	~	~	~		E	64	Conga low [Repetition]
	8	Dance Kick	~	~	~	~	~	~	~		F	65	Timbale high [Repetition]
A	9	Dance Kick	~	~	~	~	~	~	~			66	Timbale low [Repetition]
	10	Dance Kick	~	~	~	~	~	~	~		G	67	Agogo high [Repetition]
	11	Dance Kick	~	~	~	~	~	~	~			68	Agogo low [Repetition]
C	12	Dance Kick	~	~	~	~	~	~	~		A	69	Cabasa [Repetition]
	13	Surdo Mute	~	~	~	~	~	~	~			70	Maracas [Repetition]
D	14	Surdo Open	~	~	~	~	~	~	~			71	Whistle
	15	Hi Q	~	~	~	~	~	~	~		C	72	Whistle
E	16	Whipe Slap	~	~	~	~	~	~	~			73	Guiro short
F	17	Scratch	~	~	~	~	~	~	~		D	74	Guiro long
	18	Scratch	~	~	~	~	~	~	~			75	Claves
G	19	Finger Snap	~	~	~	~	~	~	~		E	76	Woodblock low
	20	Click Noise	~	~	~	~	~	~	~		F	77	Woodblock hi
A	21	Metronom Click	~	~	~	~	~	~	~			78	Cuica mute
	22	Metronom Bell	~	~	~	~	~	~	~		G	79	Cuica open
	23	Seq. Click	~	~	~	~	~	~	~			80	Triangle mute (5)
C	24	Seq. Click	~	~	~	~	~	~	~		A	81	Triangle open (5)
	25	Brush Tap	~	~	~	~	~	~	~			82	Shaker
D	26	Brush Swirl	~	~	~	~	~	~	~			83	Jingle Bell
	27	Brush Slap	~	~	~	~	~	~	~		C	84	Chimes
E	28	Brush Tap Swirl	~	~	~	~	~	~	~			85	Tamburin Hit 1
F	29	Snare Roll	~	~	~	~	~	~	~		D	86	Tamburin Hit 2
	30	Castagnet	~	~	~	~	~	~	~			87	Tamburin Hit 3
G	31	Snare soft LS Cravio.	Snare soft EZ GMS Piccolo	Snare soft EZ Roge.	Snare soft LS Bronze	Snare soft QA 5.5 Radio King	Snare soft LS SG	Snare soft CR	Snare soft QA Latin		E	88	Tamburin Hit 4
	32	Sticks	~	Sticks	~	~	~	~	~		F	89	E-Snare
A	33	Bass Drum LS Ludw.	Bass Drum EZGMS 2	Bass Drum EZ GMS	Bass Drum LS Studio	Bass Drum QA MAS	Bass Drum AD LL	Bass Drum Modern 1	Bass Drum QA Latin			90	E-Snare
	34	Snare Var. LS Cravio.	Snare Var. EZ GMS Piccolo	Snare Var. EZ Roge.	Snare Var. LS Bronze	Snare Var. QA 5.5 Radio King	Snare Var. LS SG	Snare Var. CR	Snare Var. QA Latin		G	91	E-Snare
	35	Bass Drum LS Ludw.	Bass Drum EZ GMS 2	Bass Drum EZ GMS	Bass Drum LS Studio	Bass Drum QA MAS	Bass Drum AD LL	Bass Drum Modern 2	Bass Drum QA Latin			92	E-Snare
C	36	Bass Drum LS Ludw.	Bass Drum EZ GMS 2	Bass Drum EZ GMS	Bass Drum LS Studio	Bass Drum QA MAS	Bass Drum AD LL	Bass Drum Modern 3	Bass Drum QA Latin		A	93	E-Snare
	37	Sidestick LS Cravio.	Sidestick EZB Piccolo	Sidestick EZ Roge.	Sidestick LS Bronze	Sidestick QA 5.5 Radio King	Sidestick LS SG	Sidestick CR	Sidestick QA Latin			94	E-Snare
D	38	Snare LS Cravio.	Snare EZB Piccolo	Snare EZ Roge	Snare LS Bronze	Snare QA 5.5 Radio King	Snare LS SG	Snare CR	Snare QA Latin			95	E-Snare
	39	Clap	~	~	~	~	~	~	~		C	96	E-Snare
E	40	Snare Rimshot LS Cravio.	Snare Rimshot EZB Piccolo	Snare Rimshot EZ Roge.	Snare Rimshot LS Bronze	Snare RS QA 5.5 Radio King	Snare Rimshot LS SG	Snare Rimshot CR	Snare Rimshot QA Latin			97	E-Snare
F	41	Tom Low Low EZ GMS	~	~	~	~	~	~	~		D	98	E-Snare
	42	HiHat closed (0)	~	~	~	~	~	~	~			99	E-Snare
G	43	Tom Low EZ GMS	~	~	~	~	~	~	~		E	100	E-Snare
	44	HiHat Pedal (0)	~	~	~	~	~	~	~		F	101	E-Snare
A	45	Tom Medium L. EZ GMS	~	~	~	~	~	~	~			102	E-Snare
	46	HiHat open (0)	~	~	~	~	~	~	~		G	103	E-Snare
	47	Tom Medium EZ GMS	~	~	~	~	~	~	~			104	E-Claps
C	48	Tom High EZ GMS	~	~	~	~	~	~	~		A	105	E-Claps
	49	Crash Cymbal 1	~	~	~	~	~	~	~			106	E-Claps
D	50	Tom High High EZ GMS	~	~	~	~	~	~	~			107	E-Claps
	51	Ride Cymbal 1 [Repetition]	~	~	~	~	~	~	~		C	108	E-Claps
E	52	China Cymbal	~	~	~	~	~	~	~			109	Claps Hit 1
F	53	Ride Cup	~	~	~	~	~	~	~		D	110	Claps Hit 2
	54	Tambourin [Repetition]	~	~	~	~	~	~	~			111	Claps Hit 3
G	55	Splash Cymbal	~	~	~	~	~	~	~		E	112	Claps Hit 4
	56	Cowbell	~	~	~	~	~	~	~		F	113	Stomp 1
A	57	Crash Cymbal 2	~	~	~	~	~	~	~			114	Stomp 2
	58	Vibraslap	~	~	~	~	~	~	~		G	115	Stomp 3
	59	Ride Cymbal 2 [Repetition]	~	~	~	~	~	~	~			116	Reverse Stomp
C	60	Bongo high [Repetition]	~	~	~	~	~	~	~		A	117	Reverse Snare
	61	Bongo low [Repetition]	~	~	~	~	~	~	~			118	Reverse Clap
D	62	Conga mute [Repetition]	~	~	~	~	~	~	~			119	Reverse BD
	63	Conga open [Repetition]	~	~	~	~	~	~	~		C	120	HiHat Open 1/2
												121	Cym. Crash NL
											D	122	Cym. Ride NL
												123	Cym. Cup NL
											E	124	Cym. Splash NL
												125	Reverse Cym.

	Nr.	Prg. 8 Overhead Kit	Prg. 9 Overhead Kit	Prg. 10 Overhead Kit	Prg. 11 Overhead Kit	Prg. 12 Overhead Kit	Prg. 13 Overhead Kit	Prg. 14 Overhead Kit	Prg. 15 Overhead Kit		Nr.	Prg. 8 - 15
G	7	Dance Kick	~	~	~	~	~	~	~	E	64	Conga low [Repetition]
	8	Dance Kick	~	~	~	~	~	~	~	F	65	Timbale high [Repetition]
A	9	Dance Kick	~	~	~	~	~	~	~		66	Timbale low [Repetition]
	10	Dance Kick	~	~	~	~	~	~	~	G	67	Agogo high [Repetition]
	11	Dance Kick	~	~	~	~	~	~	~		68	Agogo low [Repetition]
C	12	Dance Kick	~	~	~	~	~	~	~	A	69	Cabasa [Repetition]
	13	Surdo Mute	~	~	~	~	~	~	~		70	Maracas [Repetition]
D	14	Surdo Open	~	~	~	~	~	~	~		71	Whistle
	15	Hi Q	~	~	~	~	~	~	~	C	72	Whistle
E	16	Whipe Slap	~	~	~	~	~	~	~		73	Guiro short
F	17	Scratch	~	~	~	~	~	~	~	D	74	Guiro long
	18	Scratch	~	~	~	~	~	~	~		75	Claves
G	19	Finger Snap	~	~	~	~	~	~	~	E	76	Woodblock low
	20	Click Noise	~	~	~	~	~	~	~	F	77	Woodblock hi
A	21	Metronom Click	~	~	~	~	~	~	~		78	Cuica mute
	22	Metronom Bell	~	~	~	~	~	~	~	G	79	Cuica open
	23	Seq. Click	~	~	~	~	~	~	~		80	Triangle mute (5)
C	24	Seq. Click	~	~	~	~	~	~	~	A	81	Triangle open (5)
	25	Brush Tap	~	~	~	~	~	~	~		82	Shaker
D	26	Brush Swirl	~	~	~	~	~	~	~		83	Jingle Bell
	27	Brush Slap	~	~	~	~	~	~	~	C	84	Chimes
E	28	Brush Tap Swirl	~	~	~	~	~	~	~		85	Tamburin Hit 1
F	29	Snare Roll	~	~	~	~	~	~	~	D	86	Tamburin Hit 2
	30	Castagnet	~	~	~	~	~	~	~		87	Tamburin Hit 3
G	31	Snare soft QA 12x15 WFL	Snare soft QA 4x14SW	Snare soft QA 4x15 Ludw.	Snare soft QA 5x14 Leedy	Snare soft QA 5x14 Ludwig	Snare soft QA 6.5x14 Lud.	Snare soft QA Black Beauty	Snare soft QA 7x14 Radio K.	E	88	Tamburin Hit 4
	32	Sticks	~	~	~	~	~	~	~	F	89	E-Snare
A	33	Bass Drum EZ GMS	Bass Drum EZ GMS 2	Bass Drum LS Ludw.	Bass Drum AD LL	Bass Drum QA Latin	Bass Drum AD Tam.	Bass Drum LS IC	Bass Drum LS Studio		90	E-Snare
	34	Snare Var. QA 12x15 WFL	Snare Var. QA 4x14SW	Snare Var. QA 4x15 Ludw.	Snare Var. QA 5x14 Leedy	Snare Var. QA 5x14 Ludw.	Snare Var. QA 6.5x14 Lud.	Snare Var. QA Black Beauty	Snare Var. QA 7x14 Radio K.	G	91	E-Snare
	35	Bass Drum EZ GMS	Bass Drum EZ GMS 2	Bass Drum LS Ludw.	Bass Drum AD LL	Bass Drum QA Latin	Bass Drum AD Tam.	Bass Drum LS IC	Bass Drum LS Studio		92	E-Snare
C	36	Bass Drum EZ GMS	Bass Drum EZ GMS 2	Bass Drum LS Ludw.	Bass Drum AD LL	Bass Drum QA Latin	Bass Drum AD Tam.	Bass Drum LS IC	Bass Drum LS Studio	A	93	E-Snare
	37	Sidestick QA 12x15 WFL	Sidestick QA 4x14SW	Sidestick QA 4x15 Ludw.	Sidestick QA 5x14 Leedy	Sidestick QA 5x14 Ludw.	Sidestick QA 6.5x14 Lud.	Sidestick QA Black Beauty	Sidestick QA 7x14 Radio K.		94	E-Snare
D	38	Snare QA 12x15 WFL	Snare QA 4x14SW	Snare QA 4x15 Ludw.	Snare QA 5x14 Leedy	Snare QA 5x14 Ludw.	Snare QA 6.5x14 Lud.	Snare QA Black Beauty	Snare QA 7x14 Radio K.		95	E-Snare
	39	Clap	~	~	~	~	~	~	~	C	96	E-Snare
E	40	Snare RS QA 12x15 WFL	Snare Rimshot QA 4x14SW	Snare RS QA 4x15 Ludw.	Snare RS QA 5x14 Leedy	Snare RS QA 5x14 Ludw.	Snare RS QA 6.5x14 Lud.	Snare RS QA Black Beauty	Snare RS QA 7x14 Radio K.		97	E-Snare
F	41	Tom Low EZ GMS Overhead	~	~	~	~	~	~	~	D	98	E-Snare
	42	HiHat closed (0)	~	~	~	~	~	~	~		99	E-Snare
G	43	Tom Low EZ GMS Overhead	~	~	~	~	~	~	~	E	100	E-Snare
	44	HiHat Pedal (0)	~	~	~	~	~	~	~	F	101	E-Snare
A	45	Tom M. L. EZ GMS Overhead	~	~	~	~	~	~	~		102	E-Snare
	46	HiHat open (0)	~	~	~	~	~	~	~	G	103	E-Snare
	47	Tom M. EZ GMS Overhead	~	~	~	~	~	~	~		104	E-Claps
C	48	Tom High EZ GMS Overhead	~	~	~	~	~	~	~	A	105	E-Claps
	49	Crash Cymbal 1	~	~	~	~	~	~	~		106	E-Claps
D	50	Tom High High EZ GMS Ov.	~	~	~	~	~	~	~		107	E-Claps
	51	Ride Cymbal 1 [Repetition]	~	~	~	~	~	~	~	C	108	E-Claps
E	52	China Cymbal	~	~	~	~	~	~	~		109	Claps Hit 1
F	53	Ride Cup	~	~	~	~	~	~	~	D	110	Claps Hit 2
	54	Tambourin [Repetition]	~	~	~	~	~	~	~		111	Claps Hit 3
G	55	Splash Cymbal	~	~	~	~	~	~	~	E	112	Claps Hit 4
	56	Cowbell	~	~	~	~	~	~	~	F	113	Stomp 1
A	57	Crash Cymbal 2	~	~	~	~	~	~	~		114	Stomp 2
	58	Vibraslap	~	~	~	~	~	~	~	G	115	Stomp 3
	59	Ride Cymbal 2 [Repetition]	~	~	~	~	~	~	~		116	Reverse Stomp
C	60	Bongo high [Repetition]	~	~	~	~	~	~	~	A	117	Reverse Snare
	61	Bongo low [Repetition]	~	~	~	~	~	~	~		118	Reverse Clap
D	62	Conga mute [Repetition]	~	~	~	~	~	~	~		119	Reverse BD
	63	Conga open [Repetition]	~	~	~	~	~	~	~	C	120	HiHat Open 1/2
											121	Cym. Crash NL
										D	122	Cym. Ride NL
											123	Cym. Cup NL
										E	124	Cym. Splash NL
											125	Reverse Cym.

	Nr.	Prg. 16 Power Kit	Prg. 17 Power Kit	Prg. 18 Power Kit	Prg. 19 Power Kit
G	7	Dance Kick	~	~	~
	8	Dance Kick	~	~	~
A	9	Dance Kick	~	~	~
	10	Dance Kick	~	~	~
	11	Dance Kick	~	~	~
C	12	Dance Kick	~	~	~
	13	Surdo Mute	~	~	~
D	14	Surdo Open	~	~	~
	15	Hi Q	~	~	~
E	16	Whipe Slap	~	~	~
F	17	Scratch	~	~	~
	18	Scratch	~	~	~
G	19	Finger Snap	~	~	~
	20	Click Noise	~	~	~
A	21	Metronom Click	~	~	~
	22	Metronom Bell	~	~	~
	23	Seq. Click	~	~	~
C	24	Seq. Click	~	~	~
	25	Brush Tap	~	~	~
D	26	Brush Swirl	~	~	~
	27	Brush Slap	~	~	~
E	28	Brush Tap Swirl	~	~	~
F	29	Snare Roll	~	~	~
	30	Castagnet	~	~	~
G	31	Snare soft AD Sono	Snare soft LS Ludw.	Snare soft QA Gadd Power	Snare soft QA Gadd Power
	32	Sticks	~	~	~
A	33	Bass Drum AD Tama	Bass Drum QA Gadd	Bass Drum LS Ludwig	Bass Drum AD LL
	34	Snare Var. AD Sonor	Snare Var. LS Ludw.	Snare Var. QA Gadd Power	Snare Var. QA Gadd Power
	35	Bass Drum AD Tama	Bass Drum QA Gadd	Bass Drum LS Ludwig	Bass Drum AD LL
C	36	Bass Drum AD Tama	Bass Drum QA Gadd	Bass Drum LS Ludwig	Bass Drum AD LL
	37	Sidestick AD Sono	Sidestick LS Ludw.	Sidestick QA Gadd Power	Sidestick QA Gadd Power
D	38	Snare AD Sono	Snare LS Ludw.	Snare QA Gadd Power	Snare QA Gadd Power
	39	Clap	~	~	~
E	40	Snare Rimshot AD Sono	Snare Rimshot LS Ludw.	Snare RS QA Gadd Power	Snare RS QA Gadd Power
F	41	Tom Low SG	~	~	~
	42	HiHat closed (0)	~	~	~
G	43	Tom Low SG	~	~	~
	44	HiHat Pedal (0)	~	~	~
A	45	Tom M. L. SG	~	~	~
	46	HiHat open (0)	~	~	~
	47	Tom M. SG	~	~	~
C	48	Tom High SG	~	~	~
	49	Crash Cymbal 1	~	~	~
D	50	Tom High High SG	~	~	~
	51	Ride Cymbal 1 [Repetition]	~	~	~
E	52	China Cymbal	~	~	~
F	53	Ride Cup	~	~	~
	54	Tambourin [Repetition]	~	~	~
G	55	Splash Cymbal	~	~	~
	56	Cowbell Rock	Cowbell Rock	Cowbell Rock	Cowbell Rock
A	57	Crash Cymbal 2	~	~	~
	58	Vibraslap	~	~	~
	59	Ride Cymbal 2 [Repetition]	~	~	~
C	60	Bongo high [Repetition]	~	~	~
	61	Bongo low [Repetition]	~	~	~
D	62	Conga mute [Repetition]	~	~	~
	63	Conga open [Repetition]	~	~	~

	Nr.	Prg. 16 - 19
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute (5)
A	81	Triangle open (5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

	Nr.	Prg. 24 Dance Kit	Prg. 25 Electro Kit	Prg. 26 808/909 Kit	Prg. 27 909 Kit	Prg. 28 Analog Kit	Prg. 29 Dance Kit	Prg. 30 Dance Kit	Prg. 31 House Kit		Nr.	Prg. 24 - 31
G	7	E-Kick	~	~	~	~	~	~	~	E	64	E-Conga low
	8	E-Kick	~	~	~	~	~	~	~	F	65	E-Timbale high
A	9	E-Kick	~	~	~	~	~	~	~		66	E-Timbale low
	10	E-Kick	~	~	~	~	~	~	~	G	67	E-Agogo high
	11	E-Kick	~	~	~	~	~	~	~		68	E-Agogo low
C	12	E-Kick	~	~	~	~	~	~	~	A	69	E-Cabasa
	13	E-Kick	~	~	~	~	~	~	~		70	E-Maracas
D	14	E-Kick	~	~	~	~	~	~	~		71	E-Whistle
	15	Hi Q	~	~	~	~	~	~	~	C	72	E-Whistle
E	16	Whipe Slap	~	~	~	~	~	~	~		73	E-Guiro short
F	17	Scratch	~	~	~	~	~	~	~	D	74	E-Guiro long
	18	Scratch	~	~	~	~	~	~	~		75	E-Claves
G	19	Finger Snap	~	~	~	~	~	~	~	E	76	E-Woodblock low
	20	Click Noise	~	~	~	~	~	~	~	F	77	E-Woodblock hi
A	21	Metronom Click	~	~	~	~	~	~	~		78	E-Cuica mute
	22	Metronom Bell	~	~	~	~	~	~	~	G	79	E-Cuica open
	23	Seq. Click	~	~	~	~	~	~	~		80	E-Triangle mute
C	24	Seq. Click	~	~	~	~	~	~	~	A	81	E-Triangle open
	25	E-Kick	~	~	~	~	~	~	~		82	E-Shaker
D	26	E-Kick	~	~	~	~	~	~	~		83	E-Jingle Bell
	27	E-Kick	~	~	~	~	~	~	~	C	84	E-Chimes
E	28	E-Kick	~	~	~	~	~	~	~		85	Tamburin Hit 1
F	29	E-Kick	~	~	~	~	~	~	~	D	86	Tamburin Hit 2
	30	E-Kick	~	~	~	~	~	~	~		87	Tamburin Hit 3
G	31	Elec Snare	~	~	~	~	~	~	~	E	88	Tamburin Hit 4
	32	E-Kick	~	~	~	~	~	~	~	F	89	E-Snare
A	33	E-Kick	~	~	~	~	~	~	~		90	E-Snare
	34	Elec Snare	~	~	~	~	~	~	~	G	91	E-Snare
	35	Dance BD	Elec BD	909 BD	909 BD	606 BD	Dance BD	Dance BD	Dance BD		92	E-Snare
C	36	Dance BD	Elec BD	808 BD	909 BD	80 BD	Dance BD	Dance BD	Dance BD	A	93	E-Snare
	37	Rim 808	Rim 808	808 Rim	909 Rim	606 Rim	909 Rim	909 Rim	909 Rim		94	E-Snare
D	38	Elec Snare 1	Elec Snare	808 Snare	909 Snare	Snare 80	Dance Snare	Dance Snare	Dance Snare		95	E-Snare
	39	Clap 808	Clap 808	Clap 808	Clap 808	Clap 80	Hit Clap	Hit Clap	Hit Clap	C	96	E-Snare
E	40	Elec Snare 2	Elec Snare 2	909 Snare	909 Snare	Snare 85	Dance Snare	Dance Snare	Dance Snare		97	E-Snare
F	41	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	D	98	E-Snare
	42	HH 909	HH elec	808 HHat cl.	909 HHat cl.	HHat cl. 85	909 HHat cl.	909 HHat cl.	909 HHat cl.		99	E-Snare
G	43	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	E	100	E-Snare
	44	HH 909	HH elec	808 HHat P.	909 HHat P.	HHat cl. 85	909 HHat e.	909 HHat e.	909 HHat e.	F	101	E-Snare
A	45	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom		102	E-Snare
	46	HH 909	HH elec	808 HH. op.	909 HH. op.	HHat cl. 85	909 HH. op.	909 HH. op.	909 HH. op.	G	103	E-Snare
	47	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom		104	E-Claps
C	48	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	A	105	E-Claps
	49	E-Crash 909	Crash 909	808 Cym	909 Cym	808 Cym	808 Cym	808 Cym	808 Cym		106	E-Claps
D	50	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	90 Tom	Tom 85	90 Tom	90 Tom	90 Tom		107	E-Claps
	51	E-Ride 909	~	~	~	~	~	~	~	C	108	E-Claps
E	52	E-China	~	~	~	~	~	~	~		109	E-Claps
F	53	E-Cup 66	~	~	~	~	~	~	~	D	110	E-Claps
	54	E-Tamb. 77	~	~	~	~	~	~	~		111	E-Claps
G	55	E-Splash Cymbal	~	~	~	~	~	~	~	E	112	E-Claps
	56	E-Cowbell	~	~	~	~	~	~	~	F	113	E-Claps
A	57	E-Crash Cymbal 2	~	~	~	~	~	~	~		114	E-Claps
	58	E-Vibraslap	~	~	~	~	~	~	~	G	115	E-Claps
	59	E-Ride Cymbal 2	~	~	~	~	~	~	~		116	E-Claps
C	60	E-Bongo high	~	~	~	~	~	~	~	A	117	E-Claps
	61	E-Bongo low	~	~	~	~	~	~	~		118	E-Claps
D	62	E-Conga mute	~	~	~	~	~	~	~		119	E-Claps
	63	E-Conga open	~	~	~	~	~	~	~	C	120	E-Claps
											121	Cym. Crash NL
										D	122	Cym. Ride NL
											123	Cym. Cup NL
										E	124	Cym. Splash NL
											125	Reverse Cym.

	Nr.	Prg. 32 Jazz Kit	Prg. 33 Jazz Kit	Prg. 34 Jazz Kit	Prg. 35 Jazz Kit
G	7	Dance Kick	~	~	~
	8	Dance Kick	~	~	~
A	9	Dance Kick	~	~	~
	10	Dance Kick	~	~	~
	11	Dance Kick	~	~	~
C	12	Dance Kick	~	~	~
	13	Surdo Mute	~	~	~
D	14	Surdo Open	~	~	~
	15	Hi Q	~	~	~
E	16	Whipe Slap	~	~	~
F	17	Scratch	~	~	~
	18	Scratch	~	~	~
G	19	Finger Snap	~	~	~
	20	Click Noise	~	~	~
A	21	Metronom Click	~	~	~
	22	Metronom Bell	~	~	~
	23	Seq. Click	~	~	~
C	24	Seq. Click	~	~	~
	25	Brush Tap	~	~	~
D	26	Brush Swirl	~	~	~
	27	Brush Slap	~	~	~
E	28	Brush Tap Swirl	~	~	~
F	29	Snare Roll	~	~	~
	30	Castagnet	~	~	~
G	31	Snare soft LS Ludw.	Snare soft Monti.	Snare soft QA Vintage	Snare soft 714 Slinger
	32	Sticks	~	~	~
A	33	Bass Drum AD Prem.	Bass Drum Yam.	Bass Drum LS Ludw.	Bass Drum GMS open
	34	Snare Var. LS Ludw.	Snare Var. Monti.	Snare Var. QA Vintage	Snare Var. 714 Slinger
	35	Bass Drum AD Prem.	Bass Drum Yam.	Bass Drum LS Ludw.	Bass Drum GMS open
C	36	Bass Drum AD Prem.	Bass Drum Yam.	Bass Drum LS Ludw.	Bass Drum GMS open
	37	Sidestick LS Ludw.	Sidestick Monti.	Sidestick QA Vintage	Sidestick 714 Slinger
D	38	Snare LS Ludw.	Snare Monti.	Snare QA Vintage	Snare 714 Slinger
	39	Clap	~	~	~
E	40	Snare Rimshot LS Ludw.	Snare Rimshot Monti.	Snare Rimshot QA Vintage	Snare Rimshot 714 Slinger
F	41	Tom Low Low Jazz	~	~	~
	42	HiHat closed (0)	~	~	~
G	43	Tom Low Jazz	~	~	~
	44	HiHat Pedal (0)	~	~	~
A	45	Tom Medium L. Jazz	~	~	~
	46	HiHat open (0)	~	~	~
	47	Tom Medium EZ Jazz	~	~	~
C	48	Tom High Jazz	~	~	~
	49	Crash Cymbal 1	~	~	~
D	50	Tom High High Jazz	~	~	~
	51	Ride Cymbal 1 [Repetition]	~	~	~
E	52	China Cymbal	~	~	~
F	53	Ride Cup	~	~	~
	54	Tambourin [Repetition]	~	~	~
G	55	Splash Cymbal	~	~	~
	56	Cowbell	~	~	~
A	57	Crash Cymbal 2	~	~	~
	58	Vibraslap	~	~	~
	59	Ride Cymbal 2 [Repetition]	~	~	~
C	60	Bongo high [Repetition]	~	~	~
	61	Bongo low [Repetition]	~	~	~
D	62	Conga mute [Repetition]	~	~	~
	63	Conga open [Repetition]	~	~	~

	Nr.	Prg. 40 Brush Kit	Prg. 41 Brush Kit
G	7	Snare Brush LS Monti.	Snare Brush LS Monti.
	8	Snare Brush LS Monti.	Snare Brush LS Monti.
A	9	Snare Brush LS Monti.	Snare Brush LS Monti.
	10	Snare Brush LS Monti.	Snare Brush LS Monti.
	11	Snare Brush LS Monti.	Snare Brush LS Monti.
C	12	Snare Brush LS Monti.	Snare Brush LS Monti.
	13	Surdo Mute	~
D	14	Surdo Open	~
	15	Hi Q	~
E	16	Whipe Slap	~
F	17	Scratch	~
	18	Scratch	~
G	19	Finger Snap	~
	20	Click Noise	~
A	21	Metronom Click	~
	22	Metronom Bell	~
	23	Seq. Click	~
C	24	Seq. Click	~
	25	Snare Brush LS Monti.	Snare Brush LS Monti.
D	26	Snare Brush LS Monti.	Snare Brush LS Monti.
	27	Snare Brush LS Monti.	Snare Brush LS Monti.
E	28	Snare Brush LS Monti.	Snare Brush LS Monti.
F	29	Snare Brush LS Monti.	Snare Brush LS Monti.
	30	Snare Brush LS Monti.	Snare Brush LS Monti.
G	31	Snare Brush LS Monti.	Snare Brush LS Monti.
	32	Sticks	~
A	33	Bass Drum AD Prem.	Bass Drum Yam.
	34	Snare Var. Brush LS Monti.	Snare Var. Brush LS Monti.
	35	Bass Drum AD Prem.	Bass Drum Yam.
C	36	Bass Drum AD Prem.	Bass Drum Yam.
	37	Sidestick Brush LS Monti.	Sidestick Brush LS Monti.
D	38	Snare Brush LS Monti.	Snare Brush LS Monti.
	39	Snare Brush LS Monti.	~
E	40	Snare Brush LS Monti.	Snare RS Brush LS Monti.
F	41	Tom Low Low Brush	~
	42	HiHat closed (0)	~
G	43	Tom Low Brush	~
	44	HiHat Pedal (0)	~
A	45	Tom Medium Brush	~
	46	HiHat open (0)	~
	47	Tom Medium Brush	~
C	48	Tom High Brush	~
	49	Brush Crash Cymbal 1	~
D	50	Tom High High Brush	~
	51	Brush Ride Cymbal 1 [Repe.]	~
E	52	China Cymbal	~
F	53	Brush Ride Cup	~
	54	Tambourin [Repetition]	~
G	55	Splash Cymbal	~
	56	Cowbell	~
A	57	Brush Crash Cymbal 2	~
	58	Vibraslap	~
	59	Brush Ride Cymbal 2 [Repe.]	~
C	60	Bongo high [Repetition]	~
	61	Bongo low [Repetition]	~
D	62	Conga mute [Repetition]	~
	63	Conga open [Repetition]	~

	Nr.	Prg. 32-41
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guero short
D	74	Guero long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute(5)
A	81	Triangle open(5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

	Nr.	Prg. 48 Orchestra
G	7	-
	8	Gran Casa
A	9	Gran Casa
	10	Gran Casa
	11	Gran Casa
C	12	Gran Casa
	13	Gran Casa
D	14	Gran Casa
	15	Gran Casa
E	16	Gran Casa
F	17	Gran Casa
	18	GC. forte
G	19	GC. medium
	20	GC. piano
A	21	-
	22	-
	23	Gong
C	24	-
	25	-
D	26	-
	27	Closed HH
E	28	Pedal Ped.
F	29	Open HH.
	30	Ride Cymbal
G	31	Ride Cymbal
	32	-
A	33	-
	34	-
	35	Gran Casa
C	36	Gran Casa
	37	-
D	38	Concert Sn.
	39	Castanets
E	40	Concert Sn.
F	41	Timpani
	42	Timpani
G	43	Timpani
	44	Timpani
A	45	Timpani
	46	Timpani
	47	Timpani
C	48	Timpani
	49	Timpani
D	50	Timpani
	51	Timpani
E	52	Timpani
F	53	Timpani
	54	Tamburin
G	55	Concert Cy.
	56	Concert Cy.
A	57	Concert Cy.
	58	Concert Cy.
	59	Concert Cy.
C	60	Concert Cy.
	61	Concert Cy.
D	62	Concert Cy.
	63	Concert Cy.

	Nr.	
E	64	Concert Cy.
F	65	Concert Cy.
	66	Cymbal Roll
G	67	Castanet 1
	68	Castanet 2
A	69	Castanet Roll
	70	-
	71	-
C	72	Triangle op.
	73	Triangle mute
D	74	Triangle roll
	75	-
E	76	-
F	77	Wind. dwn.
	78	Wind. up
G	79	-
	80	-
A	81	Tambourin
	82	Tambourin
	83	Tambourin Roll
C	84	-
	85	-
D	86	-
	87	-
E	88	Applaus
F	89	C. Snare pp
	90	C. Snare p
G	91	C. Snare mp
	92	C. Snare mf
A	93	C. Snare f
	94	C. Snare ff
	95	C. Snare pp
C	96	C. Snare p
	97	C. Snare mp
D	98	C. Snare mf
	99	C. Snare f
E	100	C. Snare ff
F	101	Snare Roll p
	102	Snare Roll p
G	103	Snare Roll m
	104	Snare Roll m
A	105	Snare Roll f
	106	Snare Roll f
	107	Snare Ro.dyn
C	108	Snare Ro.dyn
	109	Snare Ro.dyn
D	110	Snare Ro.dyn
	111	Snare Ro.dyn
E	112	Snare Ro.dyn
F	113	Opera Gong
	114	Opera Gong
G	115	Opera Gong
	116	Opera Gong
A	117	Opera Gong
	118	Opera Gong
	119	Opera Gong
C	120	Opera Gong
	121	Opera Gong
D	122	Opera Gong
	123	Opera Gong
E	124	Intro Tune

	Nr.	Prg. 49 Concert Ba.
G	7	-
	8	-
A	9	-
	10	-
	11	-
C	12	-
	13	-
D	14	-
	15	-
E	16	-
F	17	-
	18	-
G	19	-
	20	Snare 3
A	21	Snare 4
	22	Snare 5
	23	Snare 6
C	24	Snare 7
	25	Snare 8
D	26	Snare 9
	27	Snare brush 1
E	28	Snare brush 2
F	29	Snare brush 3
	30	Bass drum
G	31	Bass drum
	32	Bass drum
A	33	Bass drum
	34	Bass drum
	35	Bass drum
C	36	Bass drum
	37	Rim
D	38	Snare 1 - velosp.
	39	Claps
E	40	Snare 2 - velosp.
F	41	Tom LL
	42	Hi hat closed
G	43	Tom L
	44	Hi hat pedal
A	45	Tom M
	46	Hi hat open
	47	Tom MH
C	48	Tom H
	49	Crash
D	50	Tom H
	51	Ride
E	52	Crash
F	53	Ride cup
	54	Tambourin
G	55	Splash
	56	Cowbell
A	57	Crash
	58	Vibraslap
	59	Ride
C	60	Timpani C
	61	Timpani Cis
D	62	Timpani D
	63	Timpani Es

	Nr.	
E	64	Timpani E
F	65	Timpani F
	66	Timpani Fis
G	67	Timpani G
	68	Timpani As
A	69	Timpani A
	70	Timpani Bb
	71	Timpani H
C	72	Timpani C
	73	Timpani Cis
D	74	Gran Casa
	75	Gran Casa
E	76	Gran Casa
F	77	Gran Casa
	78	Gran Casa
G	79	Gran Casa
	80	Gran Casa
A	81	Gran Casa open
	82	Gran Casa 2
	83	Gran Casa stop
C	84	Gran Casa 2
	85	Gran Casa & Cymbal
D	86	Gran Casa 3
	87	Gran Casa open
E	88	Concert Cy.
F	89	Concert Cy.
	90	Concert Cy.
G	91	Concert Cy. open
	92	Concert Cy. 1/2a
A	93	Concert Cy. 1/2b
	94	Concert Sn.
	95	Concert Sn.
C	96	Concert Sn. 1.
	97	Concert Sn. 2.
D	98	Concert Sn. 3.
	99	Concert Sn. 4.
E	100	Concert Sn. Rim 1.
F	101	Concert Sn. Rim 2.
	102	Concert Sn. Rim 3.
G	103	Concert Sn. Rim 4.
	104	Concert Sn. Rim
A	105	Concert Sn. Flam
	106	Concert Sn. Flam
	107	Concert Sn. Flam
C	108	Concert Sn. Roll 1
	109	Concert Sn. 2 Acc.
D	110	Concert Sn. soft
	111	Concert Sn. Roll 1
	112	Concert Sn. Roll 2 Acc.
	113	Concert Sn. Roll 3

	Nr.	Prg. 56 Latin Percus.
G	7	-
	8	-
A	9	-
	10	-
	11	-
C	12	-
	13	Cajon Low
D	14	Cajon Slap
	15	Cajon Tip
E	16	Claves High
F	17	Claves Low
	18	Claps
G	19	-
	20	Finger Snap
A	21	Castanet
	22	Conga High
	23	Conga High
C	24	Conga High
	25	Conga Mute
D	26	Conga Mute
	27	Conga Mute
E	28	Conga Mute
F	29	Conga Low
	30	Conga Low
G	31	Conga Low
	32	Conga Mute
A	33	Conga Mute
	34	Conga Mute
	35	Conga Mute
C	36	Bongo High
	37	Bongo High
D	38	Bongo High
	39	Bongo High Mute
E	40	Bongo High Mute
F	41	Bongo High Mute
	42	Bongo Low
G	43	Bongo Low
	44	Bongo Low
A	45	Bongo Low Mute
	46	Bongo Low Mute
	47	Bongo Low Mute
C	48	Timbale
	49	-
D	50	-
	51	-
E	52	-
F	53	-
	54	Timbale
G	55	-
	56	-
A	57	-
	58	-
	59	-
C	60	Cowbell
	61	Cowbell
D	62	Cowbell
	63	Cowbell

	Nr.	
E	64	Guiro
F	65	Guiro
	66	Guiro
G	67	Guiro
	68	Tambourine
A	69	Tambourine
	70	Tambourine
	71	Tambourine
C	72	Maracas
	73	Shaker
D	74	Cabasa
	75	Cuica
E	76	Cuica
F	77	Cowbell
	78	Cowbell
G	79	Shekere
	80	Shekere Tone
A	81	Triangle Mute
	82	Triangle
	83	-
C	84	-
	85	-
D	86	-
	87	-
E	88	-
F	89	-
	90	-
G	91	-
	92	-
A	93	-
	94	-
	95	-
C	96	-
	97	-
D	98	-
	99	-
E	100	-
F	101	-
	102	-
G	103	-
	104	-
A	105	-
	106	-
	107	-
C	108	-
	109	-
D	110	-
	111	-
E	112	-
F	113	-
	114	-
G	115	-
	116	-
A	117	-
	118	-
	119	-
C	120	-
	121	-
D	122	-
	123	-
E	124	-

	Nr.	Prg. 58 Voice Kit
G	7	-
	8	-
A	9	-
	10	-
	11	-
C	12	-
	13	-
D	14	-
	15	-
E	16	-
F	17	Breath 1
	18	Breath 2
G	19	Finger Snaps
	20	Male Count: 'One'
A	21	Male Count: 'Two'
	22	Male Count: 'Three'
	23	Male Count: 'Four'
C	24	Male Count: 'a'
	25	Female Count: 'One'
D	26	Female Count: 'Two'
	27	Female Count: 'Three'
E	28	Female Count: 'Four'
F	29	Female Count: 'a'
	30	Vocal Bass Drum 3
G	31	Vocal Snare 4
	32	Vocal Rim Shot
A	33	Vocal Bass Drum 2
	34	Vocal Snare 3
	35	Vocal Bass Drum 1
C	36	Vocal Bass Drum
	37	Vocal Cross Stick
D	38	Vocal Snare 1
	39	Vocal Clap
E	40	Vocal Snare 2
F	41	Vocal Floor Tom
	42	Vocal Closed Hi Hat
G	43	Vocal Low Tom
	44	Vocal Pedal Hi Hat
A	45	Vocal Mid Tom 2
	46	Vocal Open Hi Hat
	47	Vocal Mid Tom 1
C	48	Vocal Hi Tom 2
	49	Vocal Crash Cymbal
D	50	Vocal High Tom 1
	51	Vocal Ride Cymbal
E	52	Male Ad Lib 1
F	53	Male Ad Lib 2
	54	Male Ad Lib 3
G	55	Male Ad Lib 4
	56	Male Ad Lib 5
A	57	Male Ad Lib 6
	58	Vibra Slap
	59	Male: 'Hmm Hmm
C	60	Female: ',Next'
	61	Female: 'Here We Go'
D	62	Female: 'Play With Acc.'
	63	Female: 'Manual Play'

	Nr.	
E	64	Female: 'Better L- Next Time!'
F	65	Female: 'Please Pr. Any Pads'
	66	Female: 'Go'
G	67	Female: 'Ouch'
	68	Female: 'Uh Oh'
A	69	Female: 'Chuckle'
	70	Female: 'Oh Yeah'
	71	Female: 'Yep'
C	72	Female: ',Fantastic! New..
	73	-
D	74	-
	75	-
E	76	-
F	77	-
	78	Vocal Cuica High
G	79	Vocal Cuica Low
	80	Male ',All Right'
A	81	Male ',Get Down'
	82	Male 'Chicka'
	83	Male 'Ku-Chi-Ka'
C	84	Male 'Everybody Come..
	85	Male 'Huh'
D	86	Male 'That's Good!'
	87	Male 'Ow!'
E	88	Male 'Yeah!'
F	89	Male 'Ah'
	90	Male 'That's Bad'
G	91	Male 'Hit The Note'
	92	-
A	93	-



## V3SOUND - MIDI IMPLEMENTATION

	Recognized	
Basic Default	1 - 16	
Mode	3 poly mode	
Messages		
Note number	* 12-109	* depends on sounds
Velocity Note ON	9nH <sub>1</sub> y=1-127 o	
Note OFF	9nH <sub>1</sub> y=0 x	
Key aftertouch	o	
Channel aftertouch	o	
Pitch Bend	0-12	
Bank Select	00	* value depends on sound board - see page 3-13
Controller	01 - Modulation	
	05 - Portamento time	
	06 - Data Entry	
	07 - Volume	
	10 - Panorama	
	11 - Expression	
	64 - Sustain	
	65 - Portamento	
	66 - Sostenuito	
	71 - Filter resonance	
	72 - ENVELOPE Release	
	73 - ENVELOPE Attack	
	74 - Filter cutoff	
	75 - ENVELOPE Decay	
	76 - Vibrato rate	
	77 - Vibrato depth	
	78 - Vibrato delay	

	84 - Portamento control	
	91 - Reverb send	
	93 - Chorus send	
	120 - All sound off	
	121 - Reset all controllers	
	123 - All note off	
	126 - Mono-mode	
	127 - Poly-mode	
RPN 0000H	BnH 65H 00H 64H 00H 06H vv	Pitch bend sensitive in semitone (default=2)
RPN 0001H Fine tune in cent	BnH 65H 00H 64H 01H 06H vv	vv=00 -100 vv=40H 0 vv=7FH +100
RPN 0002H Coarse tune half tone	BnH 65H 00H 64H 02H 06H vv	vv=00 -64 vv=40H 0 vv=7FH +64
NRPN 18rrH	BnH 63H 18H 62H rr 06H vv	Pitch coarse of perc. rr in semitone (vv=40H->no modif)
NRPN 1ArRH	BnH 63H 1AH 62H rr 06H vv	Level of perc. sound rr (vv=00 to 7FH)
NRPN 1CrRH	BnH 63H 1CH 62H rr 06H vv	Pan of perc. sound rr (40H = middle)
NRPN 1DrRH	BnH 63H 1DH 62H rr 06H vv	Reverb send level of perc rr (vv=00 to 7FH)
AUX AUDIO OUT	BnH 63H 38H 62H rr 06H vv	rr = MIDI channel - CH1 = 00 CH2 = 01 vv = 0 MAIN 127=AUX
(Reverb return is fixed in Main out)		Example :Set CH1 to AUX - send 3 MIDI controllers: For all parts with MIDI-channel 1 cc99 value 56 + cc98 value 00 + cc06 value 127 * depends on sound board
Program Change :	0-127	
System Exclusive:		
SYSEX	F0H 7EH 7FH 09H 01H F7H	General MIDI Reset
SYSEX	F0H 7FH 7FH 04H 01H 00H II F7H	Master volume (II=0 to 127, default 127)
SYSEX DSP1	F0h,41h,00h,42h,12h,40h,7Fh,7Fh,xxh,00h,F7h xxh=Effect 00h=HALL1 01h=HALL2 02h=ROOM1 03h=ROOM2 04h=ROOM3" 05h=PLATE1 06h=PLATE2 07h=PLATE3 08h=CHORUS 09h=FLANGE 0Ah=DELAY1 0Bh=DELAY2 0Ch=CHORUS/ROOM1 0Dh=CHORUS/ROOM2 0Eh=VOCCANCEL 0Fh=ROTARY SPEAKER	
SYSEX DSP2	F0h,41h,00h,42h,12h,40h,01h,38h,xxh,00h,F7h	xxh=Effect 0h=CHORUS 1 01h=CHORUS 2 02h=CHORUS 3 03h=CHORUS 4 04h=FEEDBACK 05h=FLANGER 06h=SHORT DELAY 07h=FB DELAY



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