

KORG iM1

for iPad
MOBILE MUSIC WORKSTATION

M1



Owner's Manual

Table of Contents

Introduction 3

Main Features..... 3

iM1 Modes and Structure 4

Combination (Combi) mode 4

Multi mode..... 5

Program mode 6

SETTINGS mode 7

On-Screen Controls..... 8

The Browser..... 14

Available Parameters by Mode..... 18

Combination mode..... 18

Timbre Parameters 19

PERFORMANCE page 21

MIDI page..... 23

MASTER FX page..... 25

EASY page..... 28

OSC page 31

VDF page 36

VDA page..... 39

CONTROL page..... 41

INSERT FX page..... 44

Multi mode..... 47

TIMBRES Parameter..... 48

PERFORMANCE, MIDI page 49

MASTER FX page 50

EASY, OSC, VDF, VDA, CONTROL, INSERT FX page

..... 52

Program mode..... 53

TIMBRES Parameter..... 54

EASY, OSC, VDF, VDA, CONTROL, INSERT FX page

..... 55

SETTINGS mode 56

Writing, Saving, and Loading Data ... 59

Writing to internal memory..... 59

Session..... 59

Combinations..... 60

Programs 60

Drum Kits..... 62

Specifications..... 64

Support and service 65

Introduction

Thank you for purchasing the iM1 for iPad. To fully enjoy your iM1 software synthesizer, please read this owner's manual carefully and keep it handy for future reference. Always use this product only as directed.

Main Features

One of the best-selling synthesizers in history, the Korg M1 defined the Workstation category for years to come. First introduced in 1988, this enormously successful PCM synthesizer was appreciated for its distinctive sonic character. With the iM1 for iPad, Korg has resurrected the legendary M1 as an up-to-date software synthesizer containing all of the original sounds, plus all-new sounds and new features as well.

Over 2,700 Preset Sounds

As a workstation, the original M1 contained the vast selection of sounds needed to create an entire song-without the need for additional equipment.

The iM1 for iPad contains all of the original sounds of the M1EX with its expanded internal PCM, plus all of the PCM data, Program data, and Combination data included in the 19 optional ROM cards, as well as the sound data of the Korg T1. (Some of this content requires a separate purchase.) A new "Best Program Card" that collects legendary M1 sounds is also featured. The iM1 for iPad contains all of the instrument, drum, and synthesizer PCM and Program data

required for today's song-production, providing a staggering total of more than 2,700 preset sounds.

Easy-to-Use Interface

The iM1 for iPad interface has been designed to ensure maximum ease of use. The new Browser feature can quickly search for sounds by instrument type or tonal character, finding the right sound instantly-before your inspiration escapes!

Once the sound has been selected, it can be easily edited and customized using either the Easy page or the Performance page.

New Features for Enhanced Performance

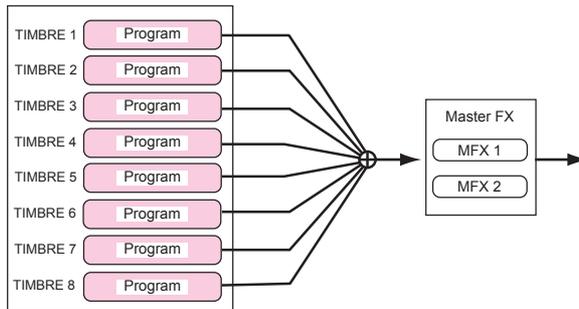
The iM1 for iPad adds many new features that were wished-for by users of the original M1. New to the iM1 are Filter resonance, VDA modulation, and compressor effects. The two effects processors of the original M1 have been replaced by Two Insert effects for each Timbre (Track) and two Master effects, providing for richer sound creation. In addition, the all-new Multi mode allows the iM1 for iPad as to be used as an eight-part multi-timbral sound module.

iM1 Modes and Structure

The iM1 for iPad loads the Program data independently for each mode; Programs within each mode can be edited without affecting the other modes.

Combination (Combi) mode

In this mode, the sound consists of eight Timbres; each Timbre is individually assigned to its own Program..



Each Combination contains the following parameters:

- Individual parameters for each Timbre, such as the output level, pan, and Insert effect on/off settings.
- MIDI-related parameters for each Timbre.

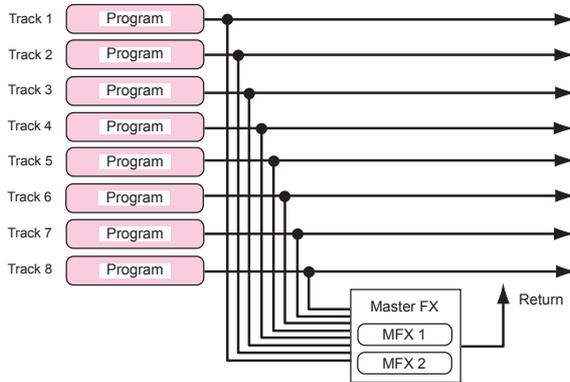
- Master effect parameters.

- Sound-creation parameters for each Program.

Combinations can be selected from the 32 preset cards and from the new Combinations (the KLC PRESET card). Combination that you have tweaked, edited, or created from scratch can be saved to any of the six User cards. Each User card can hold 50 Combinations, for a total of 300 User Combinations. In addition, the iM1 provides four user cards that are saved in the session, and two library cards that are stored within iM1 itself.

Multi mode

In this mode, the iM1 for iPad can be used as an eight-part multi-timbral sound module..



Multi mode and Combination mode are structured almost identically, but have the following differences.

- Default MIDI channel setting for each track (track 1 is channel 1, track 2 is channel 2, ...)
- In Multi mode, the master effects are used as send effects. The send levels, return levels, and return destinations will determine how the signal is routed. If you lower the send levels to 0, the signals from the insert effects will be output directly, bypassing the master effects. If you raise the send levels, the direct sound will be mixed with the signals from the master effects and then output.

Except for the points listed above, Combination mode and Multi mode have the same structure. You can use Combination mode as a multi-timbral sound module, or use Multi mode to create a single sound just like a combination.

Program mode

This mode is used to play and edit individual Programs.

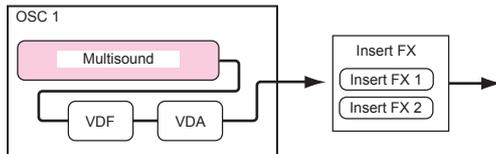
Programs can be selected from the 32 preset cards and from the new KLC PRESET card and iM1 Special card. Programs that you have tweaked, edited, or created from scratch can be saved to any of the six User cards. Each User card can hold 50 Programs, for a total of 300 user Programs.

Each Program uses one of the three oscillator modes: Single, Double, or Drums.

Single

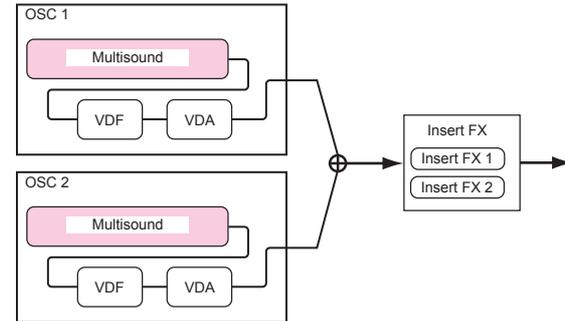
Single Programs use a single oscillator. The oscillator consists of the OSC, VDF, VDA, and Insert FX sections.

The multisounds available for use by the oscillator can be selected from the 16 preset cards.



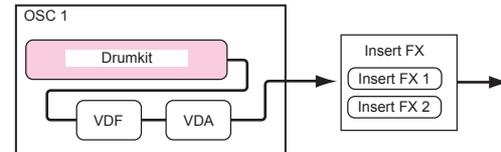
Double

Double Programs use two oscillators. Each oscillator consists of the OSC, VDF, and VDA sections. The combined output of the oscillators is routed to the Insert FX.



Drums

Drum Programs use a Drum Kit as the oscillator. The Drum Kit oscillator consists of an OSC, VDF, VDA, and the Insert FX.



On the original M1, the SETTINGS mode was used to edit a Drum Kit. The iM1 for iPad now allows the Drum Kit parameters to be part of the Program.

Drum Kits can be selected from 21 of the preset cards, and from the new KLC PRESET card. Drum Kits that you have tweaked, edited, or created from scratch can be saved to any of the four User cards (2 User cards; 2 Library cards). Each User card can hold 20 Drum Kits, for a total of 80 User Drum Kits.

SETTINGS mode

This mode is used to access and adjust parameters that affect the entire iM1 for iPad operation, such as Master Tune, Transpose, Global MIDI Channel, MIDI Filter, and User Scale. (Refer to "SETTINGS mode" on page 56)

On-Screen Controls



1. SETTINGS button

Refer to "SETTINGS mode" on page 56

2. INFO button

Pressing the INFO button will display the version number of the iM1 for iPad, plus additional instructions on how to use it.

Manual: Displays this Owner's Manual.

FAQ: Displays the KORG App Help Center.

note You'll need an Internet connection in order to view the operating manual or the KORG App Help Center.

3. FILE button

The FILE button is used to save and load iM1 for iPad file data, or to import system exclusive data.

Click the FILE button and select an option from the menu that appears:

(Refer to "Writing to internal memory" on page 59)

4. Combi/Prog Name

This area of the screen displays the name of the currently selected Program or Combination. To switch to a different Combination or Program, simply tap the name (Refer to "The Browser" on page 14).

5. Mode Select switches

Press one of these buttons to select the appropriate mode:

COMBI: Selects Combination mode.

Refer to "Combination mode" on page 18

MULTI: Selects Multi mode.

Refer to "Multi mode" on page 47

PROG: Selects Program mode.

Refer to "Program mode" on page 53

6. Page Select switches

These buttons are used to select the edit pages available in each mode. The editing area (described below in section 7.) located below this row of buttons displays the parameters available in the selected edit page.

TIMBERS: Press this button to display the TIMBRE page.

Refer to "Timbre Parameters" on page 19

PERFORMANCE: Press this button to display the PERFORMANCE page.

Refer to "PERFORMANCE page" on page 21

MIDI: Press this button to display the MIDI page.

Refer to "MIDI page" on page 23

MASTER FX: Press this button to display the MASTER FX page.

Refer to "MASTER FX page" on page 25

EASY: Press this button to display the EASY edit page.

Refer to "EASY page" on page 28

OSC: Press this button to display the OSC page.

Refer to "OSC page" on page 31

VDF: Press this button to display the VDF page.

Refer to "VDF page" on page 36

VDA: Press this button to display the VDA page.

Refer to "VDA page" on page 39

CONTROL: Press this button to display the CONTROL page.

Refer to "CONTROL page" on page 41

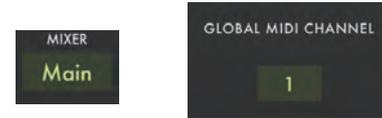
INSERT FX: Press this button to display the INSERT FX page.

Refer to "INSERT FX page" on page 44

7. Editing area

The items and parameters available for editing in this area will vary depending on the current Mode and the Page selected. Tap on a controller or a parameter to select it; now the value of the selected item can be edited.

Parameters



Tap a value to select it; choose a new value from the popup menu that appears.

Knobs



Select a knob and drag up or down to adjust the value.

Flick the knob to change the value in single steps.

Value bars, Zone bars



Drag the bar left or right to adjust the value.

Switches



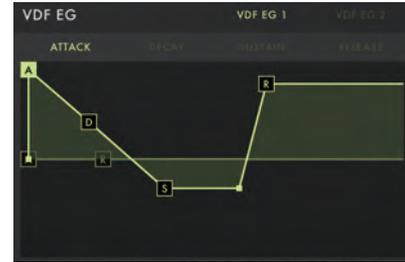
Tap the value to switch the setting.

Slide switches



Select the switch setting by tapping the appropriate value.

Graphical envelopes



Drag a point to adjust its value.

If multiple points overlap, use the Point Select switch to choose the point to be edited.

note If the oscillator mode is Double, the Point Select switch function will apply to the EG that is designated by the EG SELECT setting in the EASY page.

Graphical filters



Drag a point to adjust its value.

8. Controllers

Use the buttons provided to select either a Keyboard or a Kaoss pad controller

Keyboard



Tap the keyboard to play notes. Notes are sounded by Tracks that have the same MIDI channel as the currently selected Track. Drag across the keyboard to play a glissando. Select either the full-size keyboard-providing a chromatic scale (FULL SIZE), or a Gadget keyboard that displays a different number of keys depending on the scale setting.

FULL SIZE Keyboard Buttons

Pitch Bend wheel: The Bend wheel allows the performer to momentarily increase or decrease the overall pitch of the iM1.

Modulation wheel: The MG wheel (Modulation Generator) is often used to add varying amounts of pitch modulation (Vibrato), but can also be used to control many other modulation parameters in an expressive manner.

OCTAVE -: Shifts the overall pitch of the keyboard down by one octave.

OCTAVE +: Shifts the overall pitch of the keyboard up by one octave.

CLOSE: Closes the full size keyboard, and switches to the Gadget keyboard.

KAOSS PAD: Switches to the Kaosspads.

Gadget Keyboard Buttons

CHORD: When lit, enables the playing of chords.

SCALE: Used to select the scale.

OCTAVE -: Shifts the overall pitch of the keyboard down by one octave.

OCTAVE +: Shifts the overall pitch of the keyboard up by one octave.

KEYBOARD: Switches to the full-size keyboard.

KAOSS PAD: Switches to the Kaosspads.

Kaoss pads



In place of the keyboard, the iM1 can instead provide two Korg Kaoss pads as the control surface. By dragging across the Kaoss pad surface, you can play sounds and control mul-

multiple parameters at once—those assigned to the X-axis (horizontal motion) and those assigned to the Y-axis (vertical motion). Although the two Kaoss pads look nearly identical, their functions are different. The left-hand pad (Kaoss Pad L) offers assignable parameters. The right-hand pad (Kaoss Pad R) is set to control the pitch and the inversion type when playing chords.

KEYBOARD: Switches to the full-size keyboard.

CLOSE: This button will close the Keyboard or Kaoss Pad control window.

HOLD: If this is on, the state controlled by the left-hand pad is maintained even after you release your finger.

KAOSS PAD L: This Kaoss Pad will control the parameters that have been assigned to the X and Y axes.

Use the **MODE** button to choose the parameters that will be controlled.

MODE: These buttons select which parameters will be controlled by Kaoss Pad L

- **OSC:** Use this button to choose an Oscillator parameter to be controlled.
- **FILTER:** Use this button to choose a Filter parameter to be controlled.
- **EFFECTS:** Use this button to choose an Effect parameter to be controlled.

KAOSS PAD R: This Kaoss pad is dedicated to controlling the note. Dragging along the X-axis changes the pitch based on the the key and scale that are specified by using the **SCALE** button. Dragging along the Y-axis changes the inversion when playing chords. This feature has no effect if the **VOICES** parameter is set to Mono.

SCALE: Tap here to specify the musical Key (root note) and Scale that will determine what notes are when using the Kaoss pad.

VOICES: Use these buttons to choose the number of notes being played.

- **MONO:** Only single notes are played.
- **2POLY:** Two-note chords are produced; the chord inversion is controlled by the Y-Axis
- **3POLY:** Three-note chords are produced; the chord inversion is controlled by the Y-Axis
- **4POLY:** Four-note chords are produced; the chord inversion is controlled by the Y-Axis.

The Browser

Search through the gigantic iM1 library of sounds quickly, easily, and effectively. The iM1 for iPad provides an advanced Browser that makes finding the sound you need-when you need it-a simple task. You can search for a single instrument or sound character, or search for multiple instruments or sound characters.

Selecting a combination or program

In either mode, simply tap the Program or Combi name to access the Browser screen shown below.



1. Select tabs

A variety of search functions are available by tapping one of these tabs.

CARD: Choose this tab to search by card banks.

SEARCH: Choose this tab to search by type of instrument or sound character.

RANKING: Selecting this tab displays the available sounds by popularity of use.

WRITE: Choose this tab to save a Combination or Program that you created.

STORE: Choose this tab to purchase additional sound content.

CLOSE: Selecting this tab will close the Browser.

2. SOUND CARD DETAIL

Displays the selected card and a list of cards. The contents of the card you selected by tapping are shown in the sound list.

3. Sound list

This area shows the contents of the selected card, or the combinations or programs for which you searched. Double-click a displayed name to select that sound and close the browser.

When you tap a sound in the list to select it, and then play a note on the on-screen keyboard or an external MIDI device, the note is played by the sound that is selected in the browser and also by any timbres that are assigned the same MIDI

channel as the currently selected timbre (track). If the [SOLO] button is on, only the sound selected in the list will be heard.



When you're selecting a sound in the browser, you can't use a connected external MIDI device to edit the sound (or perform automation or control changes).

4. INSTRUMENTS

If you've chosen the SEARCH tab, you can tap one of the buttons here to specify the type of instrument you want to find.

5. CHARACTER

If you've chosen the SEARCH or RANKING tab, you can tap one of the buttons here to specify the character of the sound you want to find.

Items that allow only one selection within each pair:

- BRIGHT ⇌ DARK
- SPLIT ⇌ LAYER (combinations only)
- FAST ⇌ SLOW
- SOLO ⇌ ENSEMBLE (Programs only)
- FAT ⇌ SOFT

Items that allow only one selection within each group.

- | | |
|-------------|-----------|
| 1 | 2 |
| ACOUSTIC | DANCE |
| ELECTRIC | POP/ROCK |
| ETHNIC | JAZZ/FUNK |
| SYNTHESIZED | ORCHESTRA |

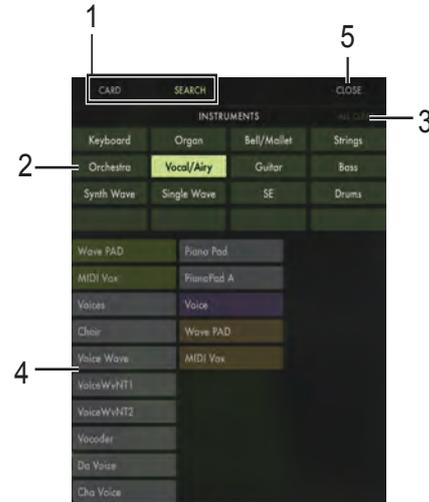
6.ALL CLEAR button

Use this button to clear all of the selected sound characters.

Selecting multisounds, drum sounds, and drum kits

The versatile iM1 Browser can also be used to find multisounds, individual drum sounds, and Drum Kits. Tap the name shown in the edit area of the EASY page, OSC page etc., and the Browser will appear.

This screen shows the Browser when searching for multisounds:



1. SEARCH/CARD Select tabs

There are two search functions available by using these tabs.

SEARCH: Choose this tab to search by type of instrument

CARD: Choose this tab to search by card banks.

2. INSTRUMENTS

If you've chosen the SEARCH tab, you can tap one of the buttons here to specify the type of instrument you want to find. You can specify multiple instruments. However, if no further sounds would be found by clicking another choice, that instrument type will be grayed-out, and cannot be selected.

3. ALL CLEAR button

Use this button to clear all of the selected instrument types.

4. Sound list

This area displays the multisounds, drum sounds or Drum Kits that were found by your search. Tap any displayed name to select that item and close the Browser.

When you select a sound and play it using the on-screen keyboard or an external MIDI device, only the selected multi-sound showing in the screen will play.



When selecting a sound in the Browser, you cannot use a connected external MIDI device to edit the sound (or perform automation or control changes).

5. CLOSE button

Choosing this button will close the Browser.

Available Parameters by Mode

Combination mode

In this mode you can create a single sound by assigning different programs to up to eight timbres. Click the [COMBI] button to enter Combination mode.



Timbre Parameters

Here you can select the program used by each timbre, and set the output level, pan, and output destination of each timbre.



Timbre Select [1..8]

This selects the current timbre that is available for editing. To select a timbre, click the timbre number or the bar shown at either edge of the parameter area.

When you tap the on-screen keyboard or drag the pitch bend or modulation wheel to operate them, MIDI messages will be transmitted on the MIDI channel of the timbre you've selected here. If you're controlling the iM1 for iPad from an

external MIDI device, you won't hear anything unless the MIDI channel of your external MIDI device matches the MIDI channel of the timbre you've selected here. The same applies to the pitch bend wheel and modulation wheel.

The editing area at the right will show the parameters (selected by the [Timbre Select] switches) of the program used by this timbre, allowing you to edit them.

TIMBRE ON/OFF [ON, OFF]

These buttons specify whether each track will produce sound.

SOLO [OFF, ON]

Only the Timbre(s) that is soloed will sound. By soloing a Timbre, you can isolate it for easy editing.

MUTE [OFF, ON]

The mute function is almost an opposite of the Solo function. Use the mute feature to temporarily silence a particular Timbre(s), without removing it from the Combi.

IFX [OFF, ON]

This function turns the Insert effect on or off for the selected Timbre.

"OFF (dark): The Insert effect section is bypassed.

"ON (lit): The Insert effect section is active.

note The IFX is automatically turned on when you select a Program.

PROGRAM Select.....[BROWSER]

Selects the program used by the timbre. Refer to "The Browser" on page 14

LEVEL.....[00...99]

This knob specifies the output level of each Timbre.

PAN [L50...C00...R50]

This knob specifies the position in the stereo field (pan) of each Timbre.



If DRUMS is specified as the oscillator mode ("OSC MODE" on page 29) in the Program used by this Timbre, the "PAN" field will not appear. Use the "PAN" setting in the DRUM KIT EDIT section ("PAN" on page 34) of the OSC page to specify the pan of each sound in the Drum Kit.

OUT[-, Main, Sub]

Use this parameter to choose the output.

PERFORMANCE page

Tap the PERFORMANCE button to access this page. Here you can adjust the Program parameters used by each Timbre.



note Adjusting the parameters in the PERFORMANCE page will not change the displayed value of the Program parameters. When you execute one of the Write, Copy, or Apply performance commands, then the adjustments you made here will be applied to the Program parameters.

OSC

BALANCE [-50...+00...+50]

This parameter controls the relative mix of the two oscillators.

If the Program's "OSC MODE" is Double, this adjusts the volume balance of OSC1 and OSC2. The adjusted value is added to the OSC1 "OSC LEVEL," and subtracted from the OSC2 "OSC LEVEL."

VDF

RESONANCE [-50...+00...+50]

This parameter adjusts the VDF (Filter) resonance level. The adjusted value is added to the VDF1 and VDF2 "RESONANCE."



This setting is unavailable if the OSC page "RESONANCESwitch" (page 29) is OFF.

CUTOFF [-50...+00...+50]

This parameter adjusts the VDF cutoff level (frequency). The adjusted value is added to the VDF1 and VDF2 "CUTOFF."

VDF EG INT [-50...+00...+50]

This parameter adjusts the VDF EG INT (Envelope Generator Intensity).

The adjusted value is added to the VDF1 and VDF2 "EG INT."

VDF&VDA EG

ATTACK TIME [-50...+00...+50]

This parameter simultaneously adjusts the VDF EG and VDA EG attack time. The adjusted value is added to the "Attack Time" of each EG (Envelope Generator).

DECAY TIME [-50...+00...+50]

This parameter simultaneously adjusts the VDF EG and VDA EG decay time. The adjusted value is added to the "Attack Time" of each EG.

RELEASE TIME [-50...+00...+50]

This parameter simultaneously adjusts the VDF EG and VDA EG release time. The adjusted value is added to the "Attack Time" of each EG.

INSERT FX

IFX BALANCE [-50...+00...+50]

This parameter adjusts the balance between the Insert effect's processed sound and the direct sound. The adjusted value is added to the "DRY/WET" setting of each effect. If a composite effect (Delay/Hall - Delay/Tremolo) is selected, the adjusted value is added to both of the "DRY/WET" settings.

MIDI page

Tap the MIDI button to access this page. Here you can specify the MIDI channel, MIDI filtering, key zone, velocity zone, and pitch for each Timbre.



MIDI Ch

MIDI Ch[01...16]

This parameter specifies the MIDI channel for each Timbre.

KEY ZONE

By setting a Top key and a Bottom key, Zoning allows you to limit and/or specify the range of keys played by each Timbre.

TOP[C-1...G9]

BOTTOM[C-1...G9]

VELOCITY ZONE

By setting a Top velocity level and a Bottom velocity level, this type of Zoning allows you to limit and/or specify the range of MIDI velocity levels played by each Timbre.

TOP[001...127]

BOTTOM[001...127]

MIDI FILTER

MIDI Filtering can selectively determine which MIDI messages are received by each Timbre.

Activate the MIDI filter by turning it on (lit) to prevent the specific type of message from being received.

PC (Program Change) [OFF, ON]

OFF (dark): Program Change messages are received.

ON (lit): Program Change messages are not received (filtered).

CC (Control Change)[OFF, ON]

OFF (dark): Control Change messages are received.

ON (lit): Control Change messages are not received (filtered).

AT (After Touch)[OFF, ON]

OFF (dark): Aftertouch messages are received.

ON (lit): Aftertouch messages are not received (filtered).

DMP (Damper)[OFF, ON]

OFF (dark): Damper pedal messages are received.

ON (lit): Damper pedal messages are not received (filtered).

DETUNE

DETUNE[-50...+00...+50]

This parameter adjusts the pitch of each Timbre in one-cent steps.

TRANSPOSE

TRANSPOSE[-12...+00...+12]

This parameter adjusts of each Timbre in semitone steps.

MASTER FX page

Tap the MASTER FX button to access this page. The parameters on this page allow you to specify the Master effects being used by the Combi, adjust the individual Master effect parameters, and set the Master effect routings.



MASTER FX

ROUTING TYPE [SERIAL, PARALLEL]

This parameter determines how the two Master effects are routed.

SERIAL sends the output of one Master effect to the input of the other Master effect.

PARALLEL allows the two Master effects to operate independently, side by side.

FX 1/FX 2 [OFF, ON]

Each Master effect can be turned on or off individually

PAN ON/OFF..... [OFF, ON]

This parameter switches the pan On and Off.

If this setting is OFF, the signals will not be sent.

PAN [L50...C00...R50]

Panning specifies the position in the stereo field (pan) of the Master effect.

FX 1/FX 2

EFFECT TYPE [No Effect, Reverb...Delay/Tremolo]

Tap here to select the Master effect type, including No Effect.

Effect Parameters

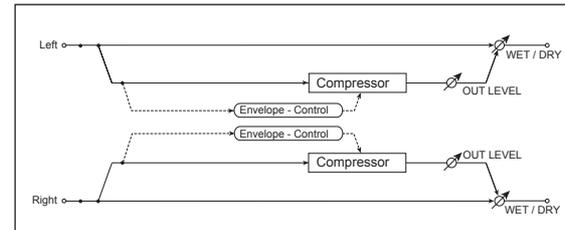
Each Master effect type will have its own specific set of adjustable parameters.

Refer to M1 owner's manual PDF, page 36 "3 - Effect parameters"

note For details on the other effect parameters, refer to the original M1 owner's manual PDF which is available on the Web. Refer to M1 owner's manual PDF, page 36 "3 - Effect parameters"

Compressor

This effect compresses the input signal, making it more consistent. It is particularly good when applied to instruments such as guitar, piano, and drums.



ATTACK [000...500ms]

Adjusts the strength of the attack.

SENSITIVITY [00...99]

Adjusts the sensitivity of the compressor.

OUT LEVEL [000...100]

Adjusts the output level of the compressor.

EQ TRIM[000...100]

Adjusts the input level to the compressor.

PRE LEQ [-15...+00...+15dB]

This EQ control will boost or cut the low frequencies of the input signal, before the compressor.

PRE HEQ..... [-15...+00...+15dB]

This EQ control will boost or cut the high frequencies of the input signal, before the compressor.

DRY/WET.....[DRY, 001...099, WET]

Adjusts the balance of the processed sound and the direct sound.

Using MIDI control change messages to control the speed of the Rotary Speaker

When the Rotary Speaker has been selected as a Master effect, the rotation speed can be switched using MIDI CC (Control Change) messages.

Transmitting a CC#76 (Vibrato Rate) message from your external MIDI device on the Global MIDI Channel (Refer to "MIDI" on page 57) with a value of 64-127 will switch the rotary speed to Fast; transmitting a value of 00-63 will switch the rotary speed to Slow.

EASY page

Tap the EASY button to access this page. The parameters on this page allow you to easily tweak and modify the Program assigned to each Timbre by adjusting the most important and commonly used sound creation parameters. Additional Program Parameters not shown in this page can be edited in the OSC - INSERT FX pages..



OSC

OSC MODE [SINGLE, DOUBLE, DRUM]

This parameter selects the oscillator mode.

MULTISOUND 1/MULTISOUND 2/DRUMKIT..... [BROWSER]

Tap here to open the Browser to select a multisound or Drum Kit. Refer to "The Browser" on page 14

LEVEL.....[00...99]

This parameter specifies the oscillator's output level.

VDF

VDF SELECT

Use this function to determine whether VDF1 or VDF2 will be shown in the active editing display.

CUTOFF [00...99]

This parameter specifies the cutoff frequency. Drag the point in the graphic.

RESONANCE [00...99]

This parameter specifies the resonance. Drag the point in the graphic.

RESONANCE Switch [OFF, ON]

This parameter turns the filter resonance on or off.

Refer to "RESONANCE Switch" on page 37

EG INT 1 [00...99]

This parameter specifies how deeply the VDF EG1 will be applied.

EG INT 2 [00...99]

This parameter specifies how deeply the VDF EG2 will be applied.

VDF EG

VDF EG SELECT

Use this function to determine whether VDF EG1 or the VDF EG2 will be shown in the active editing display

VDF EG

Modify the shape of the VDF EG by simply dragging the points of the graphic envelope display.

VDA EG

VDA EG SELECT

Use this function to determine whether VDA EG1 or the VDA EG2 will be shown in the active editing display.

VDA EG

Modify the shape of the VDA EG by simply dragging the points of the graphic envelope display.

INSERT FX

FX1/FX2 [OFF, ON]

Use these switches to turn each Insert effect On or Off

FX1/FX2 EFFECT TYPE..... [No Effect, Reverb...Delay/Tremolo]

Tap here to choose the Insert effect type.

FX1/FX2 DRY/WET [DRY, 001...099, WET]

This parameter specifies the wet/dry mix between the original signal and the effect output.

note If you're using the composite effect (Delay/Hall etc.) as an Insert effect, and if the "DRY/WET" values differ between Delay and Hall, the Delay value is shown here.

note If you've selected a composite effect (such as Delay/Hall or Delay/Chorus) as an Insert effect, editing "DRY/WET" in the EASY page will set the "DRY/WET" values of both effects to the same value.

OSC page

Tap the OSC button to access this page. The parameters on this page allow detailed editing of the OSC (Oscillator) parameters of the individual Programs assigned to the Timbres contained in the Combi.



OSC BASIC

Refer to M1 owner's manual PDF, page 22 "OSC BASIC"

OSC MODE [SINGLE, DOUBLE, DRUMS]

Use this parameter to choose the oscillator mode.

ASSIGN..... [MONO, POLY]

Use this parameter to choose monophonic or polyphonic playability.

MONO: Monophonic (one note at a time).

POLY: Play polyphonically (many notes at once).

HOLD [DISABLE, ENABLE]

Use the HOLD function to determine how the sound will play.

DISABLE: The sound will decay according to the settings of the VDA.

ENABLE: The sound will continue even if you release the keyboard.

OSC1

Refer to M1 owner's manual PDF, page 22 "F0-2: OSC1"

MULTISOUND 1 [BROWSER]

Tap the multisound name to access the Browser and make your selection.

(Refer to "The Browser" on page 14)

OSC LEVEL [00...99]

This parameter specifies the oscillator's output level.

OCTAVE [4; 8; 16']

Use this parameter to select the octave setting of the oscillator.

PITCH EG

The shape of the Pitch EG can be easily modified by simply dragging the points of the graphical envelope in the display. (Refer to "Graphical envelopes" on page 11)

VEL SENS

EG INT [-99...+00...+99]

This parameter specifies how velocity will affect the depth of the EG.

EG TIME [-99...+00...+99]

This parameter specifies how velocity will affect the speed of the EG.

OSC2

INTERVAL [-12...+12]

This parameter specifies the pitch of Oscillator 2 relative to Oscillator 1, in semitones.

DETUNE [-50...+50]

This parameter specifies the pitch of Oscillator 2 relative to Oscillator 1, in cents.

DELAY START.....[00...99]

This parameter specifies the delay time between the note-on message and when Oscillator 2 begins to sound.

The other OSC 2 parameters are the same as for OSC1.

Drum Parameters

When the OSC MODE value is set to DRUMS, the following screen will appear:



DRUMS

DRUM KIT SELECT.....[BROWSER]

Tap the Drum Kit name to access the Browser and make your selection. (Refer to "The Browser" on page 14).

OSC LEVEL[00...99]

This parameter specifies the oscillator's output level.

OCTAVE[4', 8', 16']

Use this parameter to select the octave setting of the oscillator.

PITCH EG

The shape of the Pitch EG can be easily modified by simply dragging the points of the graphical envelope in the display. (Refer to "Graphical envelopes" on page 11)

Refer to M1 owner's manual PDF, page 24 "F1-1: OSC1 PITCH EG"

VEL SENS

EG INT.....[-99...+00...+99]

This parameter specifies how velocity will affect the depth of the EG.

EG TIME[-99...+00...+99]

This parameter specifies how velocity will affect the speed of the EG.

DRUM KIT EDIT

The following parameters allow you to customize the makeup and performance of a Drum Kit.

INDEX KEY [000: C-1...127: G9]
You can use this parameter to select the note you wish to edit.

DRUM SOUND [BROWSER]
Tap the drum sound name to access the Browser and make your selection. (Refer to "The Browser" on page 14)

KBD CHASE [OFF, ON]
ON: Receiving a note-on message will automatically set the index to that key.

OFF: Use the Index Key parameter to set the key manually

IFX BUS [A+B, C+D]
Use this parameter to choose one of the busses to the Insert effect.

CUTOFF [-99...+00...99]
This parameter adjusts the relative value of the VDF CUTOFF setting.

RESONANCE [-99...+00...99]
This parameter adjusts the relative value of the VDF Resonance setting.

PAN [L50...C00...R50]
This parameter sets the panning of each drum sound.

INST TUNE [-120...+120]
This parameter sets the tuning (or pitch) of each drum sound.

INST LEVEL [-99...+99]
This parameter specifies the volume level of each drum sound.

INST DECAY [-99...+99]
This parameter sets the decay time of each drum sound.

NOTE ON RECEIVE [DISABLE, ENABLE]
This parameter selects whether note-on messages will be received by the Drum Kit.

DISABLE: Note-on messages are NOT received.

ENABLE: Note-on messages ARE received

NOTE OFF RECEIVE [DISABLE, ENABLE]
This parameter selects whether note-off messages will be received by the Drum Kit.

DISABLE: Note off messages are NOT received.

ENABLE: Note-off messages ARE received

PITCH MG

The PITCH MG (Modulation Generator) applies modulation to the pitch of the oscillators.

Refer to M1 owner's manual PDF, page 30 "F6-1: PITCH MG"

OSC 1/OSC 2/DRUMS [DISABLE, ENABLE]

Use this parameter to choose which oscillator(s) the PICH MG modulation will be applied to.

WAVEFORM [SIN...RANDOM]

This parameter selects the modulation waveform.

KEY SYNC..... [DISABLE, ENABLE]

Key Sync allows the phase of the modulation generator to occur in exactly the same position with each new note-on message. Without Key Sync, the modulation generator will continue to vary its phase based on the modulation speed.

ENABLE: Key Sync is on

DISABLE: Key Sync is off

INTENSITY [00...99]

This parameter specifies the depth of modulation.

DELAY [00...99]

This parameter sets the time interval between the note-on and when the modulation is applied.

TEMPO SYNC..... [DISABLE, ENABLE]

Tempo Sync allows the modulation speed to be musically related to the tempo.

DISABLE: Tempo Sync is off

ENABLE: Tempo Sync is active

FREQ/TIMES..... [00...99/1...16]

TEMPO SYNC DISABLED: Frequency [00...99]

This parameter will directly specify the MG frequency.

TEMPO SYNC ENABLED: Times [1...16]

This parameter will set the MG frequency in conjunction with the BASE NOTE setting.

BASE NOTE [1/1...1/32]

TEMPO SYNC DISABLED:

This parameter is ignored.

TEMPO SYNC ENABLED:

1/1 equals a whole note, 1/32 equals a thirty-second note, etc.

This parameter will set the MG frequency in conjunction with the BASE NOTE setting. One cycle of the MG will be equal to the value specified in FREQ/TIMES x the BASE NOTE value relative to the synchronized tempo.

For example, when the BASE NOTE value is set to 1/4 (quarter note), the resulting beats per MG cycle will be:

- TIMES = 1 (one beat per MG cycle)
- TIMES = 2 (two beats per MG cycle)
- TIMES = 4 (four beats per MG cycle)

Conversely, when the BASE NOTE value is set to 1/16 (sixteenth note), the resulting MG cycles per beat will be:

- TIMES = 1 (four MG cycles per beat)
- TIMES = 2 (two MG cycles per beat)
- TIMES = 4 (one MG cycle per beat)

VDF page

Tap the VDF button to access this page. The parameters on this page allow detailed editing of the VDF (Filter) parameters of the individual Programs assigned to the Timbres contained in the Combi.



VDF1

CUTOFF[00...99]

Use this parameter to set the VDF filter cutoff frequency.

RESONANCE Switch [OFF, ON]

The iM1 for iPad adds a new RESONANCE parameter that was not included on the original M1. The CUTOFF response will vary depending on whether this is ON or OFF. In order to faithfully reproduce the preset sounds of the original M1, the RESONANCE Switch is normally turned OFF. If you want to use resonance, turn the RESONANCE Switch ON.

RESONANCE [00...99]

This parameter boosts the filter response at the cutoff frequency.

EG INT [00...99]

This parameter specifies the depth of tonal change produced by the VDF 1 EG.

Refer to M1 owner's manual PDF, page 25 "F2-1: VDF1"

VDF 1 EG

The shape of the VDF1 EG can be easily modified by simply dragging the points of the graphical envelope in the display. (Refer to "Graphical envelopes" on page 11)

Refer to M1 owner's manual PDF, page 25 "F2-2: VDF1 EG"

VEL SENS

This important set of Velocity Sensitivity parameters can help determine how the dynamics of a performance will affect the articulation of the sound. Performance dynamics-Velocity Level-can be used to increase or decrease the timing of each stage of the EG, as well as the overall intensity of the EG.

Refer to M1 owner's manual PDF, page 26 "F2-3: VDF1 VEL SENS"

EG INT [-99...+00...+99]

This parameter will control how velocity sensitivity can increase or decrease the EG intensity.

EG TIME [00...99]

This parameter will control how velocity sensitivity will alter the timing of each envelope stage.

Refer to "OSC1" on page 32

TIME POLARITY A, D, S, R [+ , X, -]

The value set by the previous EG TIME parameter can be applied to lengthen (+) or shorten (-) each envelope stage individually; A (Attack Time), D (Decay Time), S (Slope Time), and R (Release Time). Using a value of (X) means no change is applied.

KBD TRK

Keyboard tracking allows the note number of the key being played to affect certain parameters.

Refer to M1 owner's manual PDF, page 27 "F2-4: VDF1 KBD TRK"

Refer to "VDF1" on page 37.

CUTOFF [-99...+00...+99]
This parameter specifies the degree to which keyboard tracking will increase or decrease the cutoff frequency.

EG TIME.....[00...99]
This parameter will control how keyboard tracking will alter the timing of the VDF EG.

TIME POLARITY A, D, S, R.....[+, x, -]
The value set by the previous EG TIME parameter can be applied to lengthen (+) or shorten (-) each envelope stage individually; A (Attack Time), D (Decay Time), S (Slope Time), and R (Release Time). Using a value of (X) means no change is applied.

CENTER KEY[C-1...G9]
The value or key (note) that you enter here will be used as the center for keyboard tracking.

VDF MG

The VDF MG applies modulation to the VDF. These parameters are the same as for the PITCH MG of the OSC page.

Refer to "PITCH MG" on page 34

VDF 2

These parameters are the same as for VDF 1.

VDA page

Tap the VDF button to access this page. The parameters on this page allow detailed editing of the VDA (Amplifier) parameters of the individual Programs assigned to the Timbres contained in the Combi.



VDA1

VDA EG

The shape of the VDA1 EG can be easily modified by simply dragging the points of the graphical envelope in the display. ("Graphical envelopes" on page 11)

Refer to M1 owner's manual PDF, page 28 "F4-1: VDA1 EG"

VEL SENS

Refer to M1 owner's manual PDF, page 28 "F4-2: VDA1 VEL SENS"

EG INT [-99...+00...+99]

EG TIME.....[00...99]

Refer to "OSC1" on page 32.

TIME POLARITY A, D, S, R.....[+, x, -]

Refer to "TIME POLARITY A, D, S, R" on page 37.

KBD TRK

Keyboard tracking allows the note number of the key being played to affect certain parameters.

Refer to M1 owner's manual PDF, page 28 "F4-3: VDA1 KBD TRK"

AMPLITUDE[-99...+00...+99]

This parameter specifies the degree to which keyboard tracking will increase or decrease the amplitude.

EG TIME [00...99]

This parameter will control how keyboard tracking will alter the timing of the VDA EG

TIME POLARITY A, D, S, R [+, x, -]

The value set by the previous EG TIME parameter can be applied to lengthen (+) or shorten (-) each envelope stage individually; A (Attack Time), D (Decay Time), S (Slope Time), and R (Release Time).

Using a value of (X) means no change is applied.

CENTER KEY [C-1...G9]

The value or key (note) that you enter here will be used as the center for keyboard tracking.

VDA MG

The VDA MG applies modulation to the VDA. These parameters are the same as for the PITCH MG of the OSC page.

Refer to "PITCH MG" on page 34

VDA 2

These parameters are the same as for VDA 1.

CONTROL page

Tap the CONTROL button to access this page. The parameters on this page determine how the use of Aftertouch and other external MIDI controllers will alter the pitch, tone, and other parameters of the individual Programs assigned to the Timbres contained in the Combi.



AFTER TOUCH

Certain MIDI keyboards and other controller transmit aftertouch. On a keyboard, aftertouch allows the performer to send a signal that will alter the sound AFTER the key is depressed by simply pressing the key a bit further. This allows the performer to create a more expressive performance. Aftertouch may also be sent from other MIDI controllers

Refer to M1 owner's manual PDF, page 32 "F7-1: AFTER TOUCH"

PITCH..... [-12...+00...+12]

This parameter specifies the degree to which aftertouch will affect the pitch.

PITCH MG[00...99]

This parameter specifies the degree to which aftertouch will affect the PITCH MG depth.

CUTOFF VDF [-99...+00...+99]

This parameter specifies the degree to which aftertouch will affect the VDF cutoff frequency.

VDF MG [00...99]

This parameter specifies the degree to which aftertouch will affect the VDF MG depth.

VDA AMPLITUDE..... [-99...+00...+99]

This parameter specifies the degree to which aftertouch will affect the VDA volume change.

VDA MG.....[00...99]

This parameter specifies the degree to which aftertouch will affect the VDA MG depth.

CONTROLLER

In addition to MIDI keyboards, there are many MIDI controllers and control surfaces that can send a MIDI CC signal to expressively alter certain sound-creation parameters in the iM1.

Refer to M1 owner's manual PDF, page 33 "F7-2: JOY STICK"

PITCHBEND..... [-12...+00...+12]

This parameter specifies the pitch bend range of an external controller.



This setting may have no effect, depending on the SETTINGS mode "GLOBAL PITCHBEND Switch" setting. (Refer to "GLOBAL PITCHBEND" on page 57)

VDF SWEEP INT [-99...+00...+99]

This parameter specifies the amount of VDF cutoff frequency change produced by an external controller.

PITCH MG INT.....[00...99]

This parameter specifies the degree to which an external controller will affect the PITCH MG depth.

PITCH MG FREQ/PITCH MG TIMES [0...3]

This parameter specifies how an external controller will affect the PITCH MG speed as a ratio relative to the "FREQ/TIMES" value of the OSC page.

This setting will be either PITCH MG FREQ or PITCH MG TIMES, depending on the OSC page "TEMPO SYNC" setting.

VDF MG INT [00...99]

This parameter specifies the degree to which an external controller will affect the VDF MG depth.

VDF MG FREQ/VDF MG TIMES.....[0...3]

This parameter specifies how an external controller will affect the VDF MG speed as a ratio relative to the "FREQ/TIMES" value of the VDF page.

This setting will be either VDF MG FREQ or VDF MG TIMES, depending on the VDF page "TEMPO SYNC" setting.

VDA MG INT [00...99]

This parameter specifies the degree to which an external controller will affect the VDA MG depth.

VDA MG FREQ/VDA MG TIMES [0...3]

This parameter specifies the how an external controller will affect the VDA MG speed as a ratio relative to the "FREQ/TIMES" value of the VDA page.

This setting will be either VDA MG FREQ or VDA MG TIMES, depending on the VDA page "TEMPO SYNC" setting.

INSERT FX page

Tap the INSERT FX button to access this page. The parameters on this page are used to select, edit, and assign the routing of the Insert effects that are part of the individual Programs assigned to the Timbres contained in the Combi.



INSERT FX

There are two Insert effects available for every Timbre in a Combi.

Refer to M1 owner's manual PDF, page 36 "3 - Effect parameters"

IFX..... [OFF, ON]

This switch acts as a bypass, turning the entire Insert effect section On or Off.

This setting is linked with the Timbre Parameter "IFX."

OFF (dark): The Insert effects will not be heard (bypassed).

ON (lit): The Insert effects will be heard (active).

ROUTING TYPE [SERIAL, PARALLEL]

This parameter determines how the two Insert effects are routed.

SERIAL sends the output of one Insert effect to the input of the other Insert effect.

PARALLEL allows the two Insert effects to operate independently, side by side.

 The Routing Type can only be selected when the OSC MODE (page 29) is set to DRUMS. In this case, there are two stereo buses available. When the OSC MODE is set to SINGLE or DOUBLE, only one stereo bus is available, the Routing Type is set to Serial, and PAN controls are inserted between FX1 and FX2.

FX 1/FX 2.....[OFF, ON]

Each Insert effect can be turned on or off individually.

PAN ON/OFF[OFF, ON]

This parameter switches the pan On and Off.

If this setting is OFF, the signals will not be sent.

 If you've turned PAN off in DRUM mode and then change the OSC MODE to SINGLE or DOUBLE, you will need to turn the PAN controls on again in order to hear any sound.

PAN[L50...C00...R50]

This parameter sets the panning of busses A and B when the OSC MODE is set to SINGLE or DOUBLE.

When the OSC MODE is set to DRUMS, this parameter will control the panning of busses C and D.

MIXER.....[---, Main, Sub]

Use this parameter to choose the output.

FX 1/FX 2

EFFECT TYPE..... [No Effect, Reverb...Delay/Tremolo]

Tap here to select the Master effect type, including No Effect.

Effect Parameter

Each Insert effect type will have its own specific set of adjustable parameters. For the effects that were added in the iM1 for iPad, refer to Effect Parameters on page 23.

note For details on the other effect parameters, refer to the original M1 owner's manual PDF which is available on the Web.
Refer to M1 owner's manual PDF, page 36 "3 - Effect parameters"

Using MIDI CC messages to control the speed of the Rotary Speaker

When the Rotary Speaker has been selected as an Insert effect, the rotation speed can be switched using MIDI CC (Control Change) messages.

Transmitting a CC#76 (Vibrato Rate) message from your external MIDI device on the MIDI Channel (Refer to "MIDI Ch" on page 24) with a value of 64-127 will switch the rotary speed to Fast; transmitting a value of 00-63 will switch the rotary speed to Slow.

Multi mode

In the Multi mode, the iM1 for iPad functions as an eight-part multi-timbral sound module. Tap the MULTI button to enter the Multi mode.



TIMBRES Parameter

These parameters allow you to select the Program used by each Track, as well as control the output level, pan, and output destination of each Track.



Track Select..... [1..8]

There are up to eight Tracks available in the Multi mode. To choose an individual Track to edit, tap one of the eight Track Select buttons in the column at the left-hand side of the parameter area.

When you tap the on-screen keyboard-or drag the pitch bend or modulation wheel-MIDI messages will be transmitted on the MIDI channel of the Track that you've selected here. If you're controlling the iM1 for iPad from an external MIDI device, you won't hear anything unless the MIDI channel of your external MIDI device matches the MIDI channel of the selected Track. The same applies to the pitch bend wheel and modulation wheel.

The editing area at the right will show the parameters (as determined by the Track Select buttons) of the Program used by the selected Track, and allow them to be edited.

MIDI Indicator (Track indicator)

When a Track receives MIDI messages from the on-screen keyboard or pitch bend wheel etc., or from an external MIDI device, the number of that Track (i.e., the Track of the matching MIDI Channel) will light. However, this indicator will not light in response to incoming MIDI realtime messages.

TIMBRE ON/OFF[OFF, ON]

These buttons are used to choose which Tracks will play. If the Track is Off, no information is displayed, and this Track will not produce any sound.

SOLO[OFF, ON]

Only the Tracks(s) that is soloed will sound. By soloing a Timbre, you can isolate it for easy editing.

MUTE [OFF, ON]
The mute function is almost an opposite of the Solo function. Use the mute feature to temporarily silence a particular Track(s).

IFX [OFF, ON]
This function turns the Insert effect on or off for the selected Timbre.

OFF (dark): The Insert effect section is bypassed.

ON (lit): The Insert effect section is active.

 The IFX is automatically turned on when you select a Program.

PROGRAM Select [BROWSER]
Using the Browser, select the Program to be used by the Track. (Refer to "The Browser" on page 14).

LEVEL [00...99]
This knob specifies the output level of each Track.

PAN [L50...C00...R50]
This knob specifies the position in the stereo field (pan) of each Track.

 If DRUMS is specified as the oscillator mode ("OSC MODE" on page 29) in the Program used by this Track, the "PAN" field will not appear. Use the "PAN" setting in the DRUM KIT EDIT section ("PAN" on page 34) of the OSC page to specify the pan of each sound in the Drum Kit.

OUT [--, Main, Sub]
Use this parameter to choose the output.

PERFORMANCE, MIDI page

These parameters are the same as in Combination mode. Refer to "PERFORMANCE page" on page 21.

MASTER FX page

Tap the MASTER FX button to access this page. The parameters on this page allow you to specify the Master effects being used and adjust the individual Master effect parameters. In Multi mode the Master effects are used as send effects, so the input and output of the effects is determined by the send, return, and return destination settings.



SEND 1 [00...99]

This parameter controls the volume level of the signal being sent to Master effect 1.

SEND 2 [00...99]

This parameter controls the volume level of the signal being sent to Master effect 2.

note If SINGLE or DOUBLE is specified as the oscillator mode ("OSC MODE" on page 29) of the Program used by the Track, the output of the Track will be sent to SEND 1 and SEND 2. If the oscillator mode is DRUMS, output OUT AB of the Track will be sent to SEND 1, and OUT CD will be sent to SEND 2.

MASTER FX

ROUTING TYPE [SERIAL, PARALLEL]

This parameter determines how the two Master effects are routed.

SERIAL sends the output of one Master effect to the input of the other Master effect.

PARALLEL allows the two Master effects to operate independently, side by side.

FX 1/FX 2 [OFF, ON]

Each Master effect can be turned on or off individually.

LEVEL (RETURN 1/2 LEVEL) [00...99]

This parameter sets the return level from the Master effects, effectively controlling the amount of Master effects being sent to the outputs.

PAN ON/OFF [OFF, ON]

This parameter witches the pan On and Off.

If this setting is OFF, the signals will not be sent.

PAN [L50...C00...R50]

Panning specifies the position in the stereo field (pan) of the SEND 2.

OUT [-, Main, Sub]

Use this parameter to choose the output.

FX1/FX2

EFFECT TYPE [No Effect, Reverb...Delay/Tremolo]

Tap here to select the Master effect type, including No Effect.

Effect Parameter

Each Master effect type will have its own specific set of adjustable parameters.

note For details on the other effect parameters, refer to the original M1 owner's manual PDF which is available on the Web. Refer to M1 owner's manual PDF, page 36 "3 - Effect parameters"

EASY, OSC, VDF, VDA, CONTROL, INSERT FX page

These pages contain the parameters used to edit the Programs assigned to each Track.

The parameters are the same as in Combination mode.

Refer to "EASY page" on page 28.

Refer to "OSC page" on page 31.

Refer to "VDF page" on page 36

Refer to "VDA page" on page 39

Refer to "CONTROL page" on page 41

Refer to "INSERT FX page" on page 44

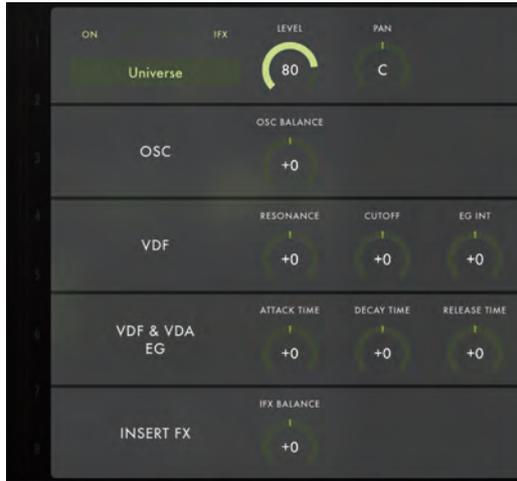
Program mode

Tap the PROG button to enter Program mode. The Program mode supplies access to all of the editable sound-creation parameters available to construct or customize a single Program.



TIMBRES Parameter

Here you can edit the program's output level, pan, and output destination.



TIMBRE ON/OFF [ON, OFF]

These buttons specify whether each timber will produce sound.

IFX..... [OFF, ON]

This function turns the Insert effect section On and Off.

OFF (dark): The Insert effect section is bypassed.

ON (lit): The Insert effect section is active.

note The IFX is automatically turned on when you select a Program.

PROGRAM Select [BROWSER]

Using the Browser, select the Program to be used by the Timbre. (Refer to "The Browser" on page 14)

LEVEL [00...99]

This knob specifies the output level of the Program

PAN [L50...C00...R50]

This knob specifies the position in the stereo field (pan) of the Program

 If DRUMS is specified as the oscillator mode ("OSC MODE" on page 29) in this Program the "PAN" field will not appear. Use the "PAN" setting in the DRUM KIT EDIT section ("PAN" on page 20) of the OSC page to specify the pan of each sound in the Drum Kit.

OSC, VDF, VDF&VDA, EG, INSERT FX

These parameters are the same as in Combination mode. Refer to "PERFORMANCE page" on page 21.

EASY, OSC, VDF, VDA, CONTROL, INSERT FX page

These pages provide access to the Program sound-creation parameters. The parameters are the same as in the Combination mode.

Refer to "EASY page" on page 28.

Refer to "OSC page" on page 31.

Refer to "VDF page" on page 36

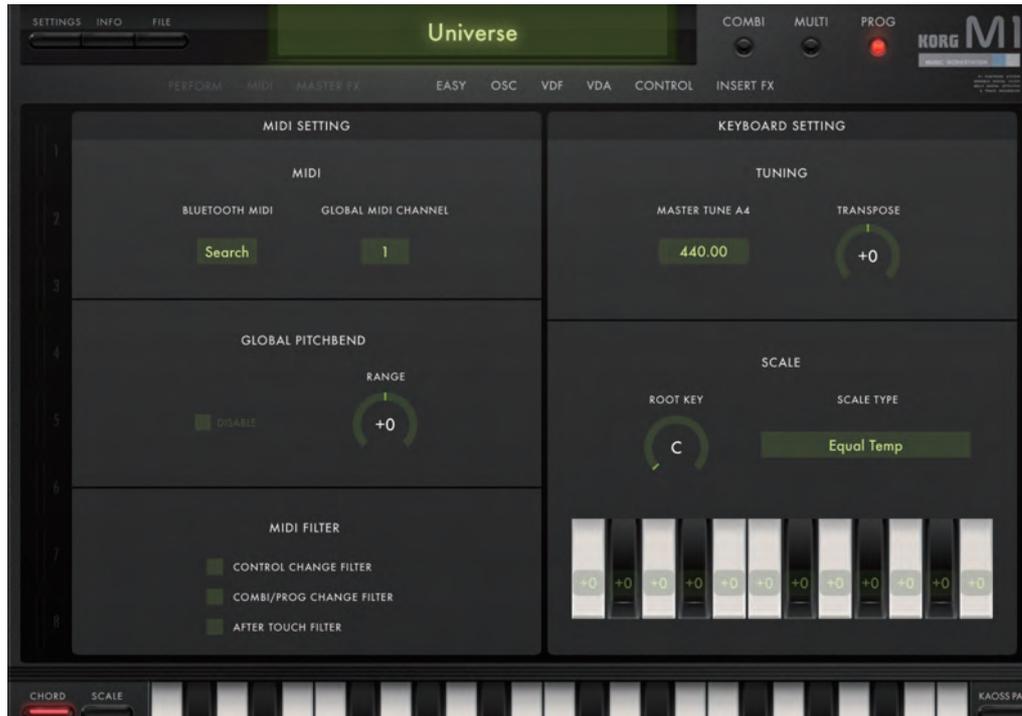
Refer to "VDA page" on page 39

Refer to "CONTROL page" on page 41

Refer to "INSERT FX page" on page 44

SETTINGS mode

This mode is used to access and adjust parameters that affect the entire iM1 for iPad operation, such as Master Tune, Transpose, Global MIDI Channel, MIDI Filter, and User Scale.



MIDI SETTING

MIDI

BLUETOOTH MIDI [(Search)]

When you press the Search button, the detectable Bluetooth MIDI devices will be searched.

GLOBAL MIDI CHANNEL[01...16]

This parameter is used to designate the global MIDI channel.

The global MIDI channel is used for several purposes. In Combination mode, it's used as the channel for changing from one Combi to another, and for controlling the master effects (the rotary speed when "EFFECT TYPE" is Rotary Speaker page 27). In Multi mode, it's used as the channel for controlling the Master effects. In Program mode, it's used as the channel that will play the Program and for controlling the Insert effects (the rotary speed when "EFFECT TYPE" is Rotary Speaker page 27).

GLOBAL PITCHBEND

GLOBAL PITCHBEND..... [DISABLE, ENABLE]

The Pitch Bend range can be individually stored with each Program; the Global Pitchbend parameter will override these individual settings

DISABLE: The individual Program parameter CONTROL page PITCHBEND settings in each mode will be used.

ENABLE: The RANGE setting set in the following parameter will be used for every Program in every mode.

RANGE [-12...+12]

This parameter sets the Global Pitchbend range. If "GLOBAL PITCHBEND" is set to ENABLE, this setting will be used for every Program in every mode.

MIDI FILTER

MIDI Filtering can determine which MIDI messages are received by the Program.

Activate the MIDI filter by turning it on (lit) to prevent the specific type of message from being received.

CONTROL CHANGE FILTER[OFF, ON]

OFF (dark): Control Change messages are received.

ON (lit): Control Change messages are not received (filtered).

COMBI/PROG CHANGE FILTER[OFF, ON]

OFF (dark): Program Change messages are received.

ON (lit): Program Change messages are not received (filtered).

AFTER TOUCH FILTER[OFF, ON]

OFF (dark): Aftertouch messages are received.

ON (lit): Aftertouch messages are not received (filtered).

KEYBOARD SETTING

TUNNING

MASTER TUNE A4..... [420.00...460.00 Hz]

This parameter adjusts the overall pitch of the iM1 for iPad in 0.01 Hz steps. The value shown is set as the pitch of the A4 (Concert A) note.

TRANSPOSE [-24...+24]

This parameter adjusts the overall pitch of the iM1 for iPad in semitone (100 cent) steps. The range is +/- 2 octaves.

SCALE

ROOT KEY [C...B]

This parameter specifies the tonic or root key for the scale selected in SCALE TYPE.

SCALE TYPE..... [Equal Temp...Pure Minor, User1...User12]

Use this parameter to select the scale type (temperament).

Equal Temp: This is the most commonly used scale. Each semitone is spaced at an equal distance from the others (equal temperament).

Equal Temp Random Pitch: A random pitch deviation is applied to equal temperament each time a note-on occurs.

Pure Major: In this scale, the principle major chords in the selected key will be perfectly harmonious (pure major temperament).

Pure Minor: In this scale, the principle minor chords in the selected key will be perfectly harmonious (pure minor temperament).

User 1–12: You can create twelve of your own customized user scales.

USER SCALE [-99...+99 cent]

To create a User Scale, begin by selecting one of the User Scales in SCALE TYPE.

Next, simply adjust the pitch of each note of in the octave. These settings are saved automatically. You can recall your User Scale at any time by selecting it using the SCALE TYPE parameter.

You can adjust each note of the octave (C-B) in a range of -99 through +99 cents. These adjustments are relative to the equal tempered pitch (0). A setting of +99 raises the pitch approximately one semitone above the standard pitch. A setting of -99 lowers the pitch approximately one semitone below the standard pitch.

 You can't make "USER SCALE" settings when "SCALE" is set to Equal Temp, Equal Temp Random Pitch, Pure Major, or Pure Minor.

AUDIO/OTHER SETTINGS [OPEN]

Opens a page where you can make settings such as the audio latency, how the knobs operate, and whether to enable mobile communication.

Writing, Saving, and Loading Data

Writing to internal memory

Any of the settings you edit or create can be stored in the iM1 for iPad's internal memory. On the original M1, the Programs used by a Combination used the same data as the Programs in Program mode. The iM1 for iPad loads Program data into the edit buffer independently for each mode (Combination, Multi, or Program), which means that editing a Program in Program mode will not affect the sound of Programs used in Combination mode or Multi mode.

By using the File menu, the data that you edit can also be saved for individual sections. Programs that are saved in library cards can be shared across the entire application.

 The WRITE command does not save the data to your computer; it only stores it to the iM1 for iPad's internal memory. Any data you've stored will be lost if you exit the application without saving. If you want to keep your stored Combinations and Programs, click the [FILE] button and use "Save" to save them ("Session").

Session

By saving a Session, the Combi and Program edit data-and the data that is saved in the user cards-is saved all together.

Session commands

- **New:** Resets all stored data of the session, and returns the software to its initial state.
- **Open:** Loads session data from a file.
- **Save:** Saves session data by overwriting the old file.
- **Save As:** Saves session data under a different name.
- **Import from KLC:** Imports KLC M1 compatible data.
- **Export toKLC:** Saves data in a form that is compatible with the KLC M1.
- **Import from M1:** Imports data created on the original M1 series as a system exclusive file into iM1 for iPad.

 The data to be imported or the data that you've exported can be written to or read from your iPad via iTunes software on your computer.

 When you import each type of data, it will overwrite the USER card. If you want to keep the current session, use "Save as" to back it up before importing.

Settings that are remembered when you write a Session:

The sound generator parameters of Combi, Multi, and Program modes

SETTINGS parameters

User Programs, Combinations, and Drum Kits that are saved in User cards

Settings that are NOT remembered when you write a Session:

User Programs, Combinations, and Drum Kits that are stored in library cards. Programs that are saved in library cards are automatically stored within iM1 for iPad itself, and can be shared by all sessions.

Combinations

Combinations you create or edit can be written (stored) into the iM1 for iPad's internal memory. The iM1 for iPad has six user cards, each of which holds 50 Combinations. This means that the M1 can hold a total of 300 Combinations (four user cards and two library cards).

Settings that are remembered when you Write

- Programs used by each Timbre

- Each Timbre's output settings, MIDI settings, key zone, velocity zone, and Master effect settings

note

The Program adjustment parameters in the Performance page are applied to the Program parameters when you Write, and their values will be reset to 00.

Settings that are not remembered when you Write

- Solo/Mute.
- The TABLE settings of the Performance page.
- The VDF Select, VDF EG Select, and VDA EG Select settings of the EASY page.
- The KBD CHASE setting of the OSC page DRUM KIT
- EDIT section and the Point Select setting of the PITCH EG section.
- The Point Select setting of the VDF page VDF EG section.
- The Point Select setting the VDA page VDA EG section.

Programs

Programs you created or edited in Combination, Multi, or Program mode can be written (stored) to a user card in the iM1 for iPad. The iM1 for iPad provides six internal "user cards," each holding 50 Programs. This gives you a total of 300 Programs stored within the M1.

Settings that are remembered when you Write

- Settings of the OSC page, VDF page, VDA page, CONTROL page, and INSERT FX page—with the exception of the parameters listed below as "Settings that are not remembered when you Write"

note The Program adjustment parameters in the Performance page of Combination mode and Multi mode and in the Performance Edit page of Program mode are applied to the Program parameters when you Write, and their values will be reset to 00.

Settings that are not remembered when you Write

- The VDF SELECT, VDF EG Select, and VDA EG Select settings of the EASY page.
- The KBD CHASE setting of the OSC page DRUM KIT EDIT section
- The Point Select setting of the PITCH EG section.
- The Point Select setting of the VDF page VDF EG section.
- The Point Select setting the VDA page VDA EG section.

Writing Procedure

Combination mode, Multi mode, Program mode:

- 1.** Click the [WRITE] button located in the upper left, and choose either Selected Program or Program from the

menu that appears. The WRITE PROGRAM dialog box will appear with the instrument and sound character that are specified for the Program.



- note** You can also access the WRITE PROGRAM dialog box by selecting the Write menu command for each Timbre (Track).
- 2.** Select the writing-destination card. Tap one of the [LIBRARY1], [LIBRARY2], or [USER1]--[USER4] buttons shown below.
 - 3.** If you want to change the name before saving, tap on the Program name displayed at the top of the window, and

using the pop-up keyboard, type in a name and press the [Enter] key.

4. Select the type of instrument in the SEARCH "INSTRUMENTS" area, and the character of the sound in the "CHARACTER" section. You can select multiple items for the type of instrument or sound character. (Refer to "4. INSTRUMENTS" on page 15 and "5. CHARACTER" on page 15)
5. Specify a name for the Program that you want to save, and press the [Enter] button.
6. Close the keyboard.
The Program is written to the Write-Destination User Card.

Drum Kits

Drum kits you created or edited in Combination, Multi, or Program mode can be written (stored) to a user card in the iM1 for iPad.

The iM1 for iPad provides two internal "user cards" for storing drum kits. Since each card holds 20 drum kits, this gives you a total of 40 drum kits stored within the M1.

Settings that are remembered when you Write

OSC page DRUM KIT EDIT section parameters other than KBD CHASE will be remembered when you Write.

Writing

1. Click the [WRITE] button in the OSC page DRUMS section of any mode.
The WRITE DRUM KIT dialog box will appear with the attribute that is specified for the Drum Kit selected..



- 2.** Select the writing-destination card.
Tap one of the [LIBRARY1], [LIBRARY2], [USER1], or [USER2] buttons shown below.
- 3.** Select the desired attribute(s) for this Drum Kit. You may select multiple attributes.
- 4.** Specify a name for the Program that you want to save, and press the [Enter] button.
- 5.** Click the [OK] button.
The Drum Kit will be written to the user card.

Renaming

Using the keyboard that is displayed when Writing, enter a name and then press the Return key.

note Names can be entered for a combination, Program, or Drum Kit that can be written to a memory card. Names cannot be entered for a multisound or drum sound.

Specifications

iM1 for iPad

- **Maximum polyphony:** 64 notes (depends on the model of iPad)
- **Number of parts:** 8
- **PCM waveforms:** more than 900
- **Sounds:**
Presets: more than 2,700
User presets: 440 (including the drum kits)
- **Effects:** 34 types
- **Supported sampling rates:** 44.1 kHz
- Realtime MIDI control and automation is supported

* Appearance and specifications of this product are subject to change without notice.

Support and service

If you have questions about the product, please contact the Korg distributor for the country in which you purchased it.

Information to provide when contacting us

In order for us to help you, we'll need the following information since product support cannot be provided without it

- Your name
- The name and version of the product (How to check the version)
- The name of the device that you're using
- The version of the operating system
- Your question (provide as much detail as possible)

Before you contact us

- Before you contact us, check whether this manual or KORG app Help Center has an answer for your question.
- Please be aware that we cannot answer questions about products that are not made by Korg, such as basic operation of your hardware device, or general questions about creating songs or sounds.

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