



Performance Editor Essential Owner's Manual

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For information about the MIDI settings of the MOTIF XF, MOTIF XS, S90 XS/S70 XS, MOXF6/MOXF8, and MOX6/MOX8 refer to the respective manuals.

What is Performance Editor Essential?

This application lets you edit the VOICE/ARP/EFFECT/MEQ parameters in the Performance mode of the MOTIF XF, MOTIF XS, S90 XS/S70 XS, MOXF6/MOXF8, MOX6/MOX8 from your iPad. Select a Performance on the instrument, edit the parameters of the selected Performance on the iPad, then store the edited parameters on the instrument.

Performance Editor Essential

Utility window
For setting the parameters common to all the displays.

EFFECT display

Chorus display
Reverb display
Master Effect display

ARP display

MEQ display

MIXING window

XY CONTROL display
Lets you control the specified parameter change and MIDI Control Change messages simultaneously by dragging in the XY Pad area.

VOICE display
For assigning the Voices to the respective Performance Parts.

i-MX1 or i-UX1

iPad

MIDI

MOTIF XF, MOTIF XS, S90 XS/S70 XS, MOXF6/MOXF8, MOX6/MOX8

By using a Yamaha i-MX1 or i-UX1, connect the instrument to an iPad.
The MOTIF XF can be connected via wireless Network MIDI. For details about wireless MIDI connectivity, refer to the "New Functions in MOTIF XF Version 1.20" Manual.

NOTE

- Before editing, enter the Performance mode.
- After editing, store the edited Performance.
- You can connect i-MX1/i-UX1 to devices featuring the Lightning connector via Apple Lightning to 30-pin Adapter.

The instructions in this manual use the MOTIF XF as an example.
Depending on your particular musical instrument, there may not be equivalent displays or buttons.

Title bar and Utility window

This window lets you set the parameters common to all the displays.

The Utility window interface includes the following settings and callouts:

- Title bar:** Located at the top of the window.
- MIDI IN/OUT lamps:** Each lamp flashes according to the MIDI in/out messages.
- Utility window toggle:** Tapping this opens or closes the Utility window.
- Device Number:** Set this to the same number as that of the instrument.
- MIDI Channel:** Sets the MIDI Transmit Channel.
- MIDI Type:** Determines the connection method between the iPad and MIDI instrument.
 - cable:** Should be selected when connected via the i-MX1 or i-UX1.
 - wireless:** Should be selected when connected via wireless Network MIDI.
- Wireless MIDI Port:** Selects the MIDI port of the instrument in case of wireless connection.
- Model Select:** Selects the connected instrument.
- Controller Assign:** Assigns the MIDI Control Change numbers to each controller.
- Knob Operation:** Determines the knob behavior.
 - rotary:** Dragging around the knob will rotate it in the same direction.
 - linear:** Dragging vertically upward from the knob rotates the knob clockwise, and dragging downward rotates counter-clockwise.
- Fader Operation:** Determines the Fader behavior.
 - jump:** The Fader jumps to any tapped location in the Fader area.
 - catch:** The Fader will be "caught" as you drag on it.
- Auto Transmit:** When set to on, selecting a Template* transmits the corresponding settings via MIDI.
- Receive Confirm:** When set to on, tapping [RECEIVE] calls up a confirmation message.
- Manual:** Tapping this calls up the Owner's Manual.
- Restore default settings:** Tapping here initializes all the settings.

*What is a Template?

Each of the Templates includes the settings of all the displays, meaning that you can call up all the Effect settings just by selecting the desired Template. Each of the Templates can be renamed, called up and initialized.

MIXING window

Adjust the **COMMON VOLUME** by operating the slider. Tapping [-]/[+] changes the value in single steps.

Allows you to edit the Part 1 parameters. Likewise, the parameters for the Parts 2 – 4 can be edited in the corresponding area.

Turns the **Part Switch** on/off. Red indicates “ON” while gray indicates “OFF.” The number corresponds to the Part Number.

Adjust the **PART VOLUME** by operating the slider. Tapping [-]/[+] changes the value in single steps.



Tapping this closes the **MIXING window**.

Adjust the **COMMON PAN/COMMON REV SEND/COMMON CHO SEND** by operating the knob, or by tapping the value to call up the slider for adjusting the parameters.

Adjust the **PART PAN/PART REV SEND/PART CHO SEND** by operating the knob, or by tapping the value to call up the slider for adjusting the parameters.

VOICE display

Tapping **[RECEIVE]** starts reception of the settings from the instrument.

NOTE

The Voice name on the iPad may be different from that of the instrument during Arpeggio playback with "Voice with ARP"= ON and "Change Timing"= ON. To remedy this situation, tap **[RECEIVE]**.

Tapping **[TRANSMIT]** starts transmission of the current settings to the instrument.

NOTE

When the Voice with ARP function is set to on, tapping **[TRANSMIT]** will change the current Voice to the one assigned to the new Arpeggio type.

Changes the Arpeggio type of the current Part. This is equivalent to the **[SF1] – [SF5]** buttons.

Lets you edit the Part 1 parameters. Likewise, the parameters for the Parts 2 – 4 can be edited in the corresponding area.

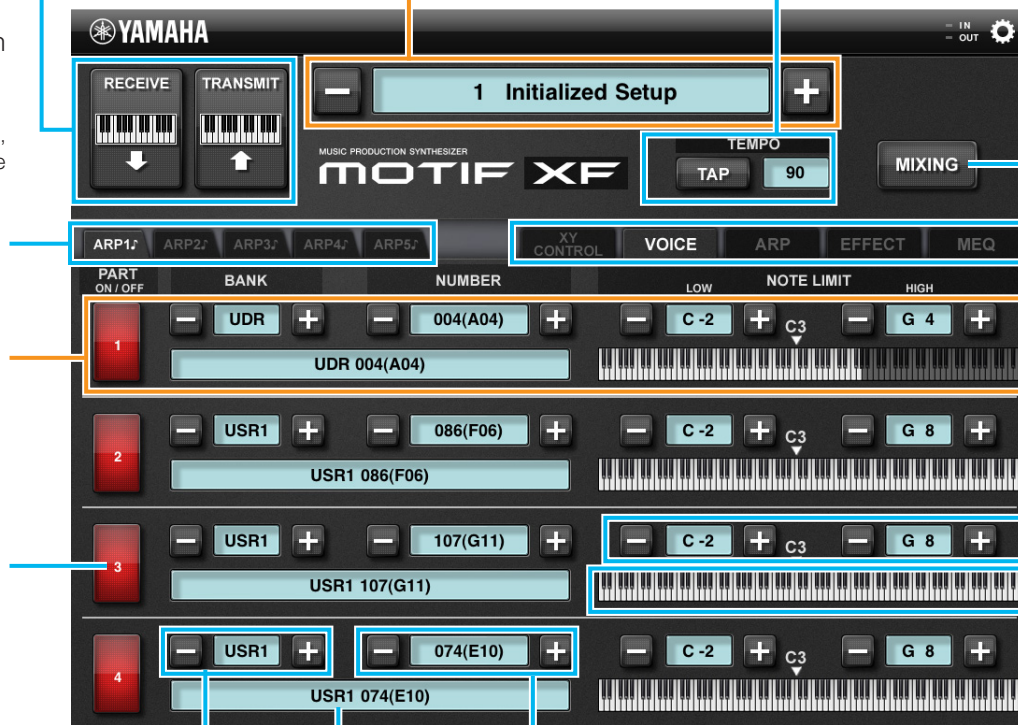
Turns the **Part Switch** on/off. The red color indicates "on" while the gray color indicates "OFF." The number on the button refers to the Part Number.

Determines the **Voice Bank**. Tapping **[+] / [-]** changes the Voice Bank. Tapping the Bank Name between **[+] and [-]** calls up the Voice List.

Template Name

Selecting a Template calls up all the settings of all the displays. To change the Template, tap **[+] / [-]**, or tap the Template Name to call up the Template list, then tap the desired Template.

Indicates the Arpeggio tempo. To change the tempo, tap the Tempo value to call up the slider then operate the slider, or tap **[TAP]** three times at the desired tempo.



Tapping here calls up the **MIXING window**.

Tapping here alternately calls up the **XY CONTROL display, VOICE display, ARP display, EFFECT display and MEQ display**.

Determines the **Note Limit Low** and **Note Limit High**. Tapping **[-]/[+]** changes the value in single steps. Tapping the Note name between **[-]** and **[+]** calls up the slider which lets you set the Limit value.

Shows the note range specified via the Note Limit Low and High parameters.

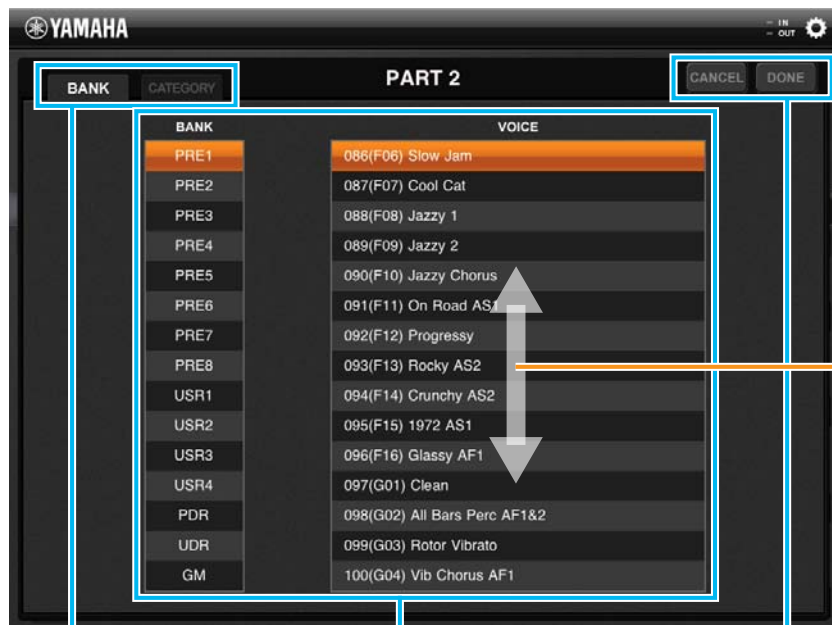
Indicates the **Part Voice Name**. Tapping here calls up the Voice List.

Determines the **Voice Number**. Tapping **[+] / [-]** changes the Voice number. Tapping the Voice name between **[+] and [-]** calls up the Voice List.

Voice List

This list is called up by tapping the Voice Bank, Voice number or Voice name for each Part. As shown below, the Voice List features two indication types: Bank order and Category order. Note that User Voices are not shown in the Voice List by Category.

Voice List with the Bank order



Tap the desired Bank to call up the corresponding Voice List, then tap the desired Voice name. The Voice List can be scrolled.

BANK and CATEGORY tabs

Selects the indication type of the Voice List from two types: Bank order or Category order. When a User Voice is selected, the CATEGORY tab is not available.

Tapping [DONE] will actually assign the selected Voice to the current Part, then close the List. Tapping [CANCEL] will abort selection then close the List.

Voice List with the Voice Category order



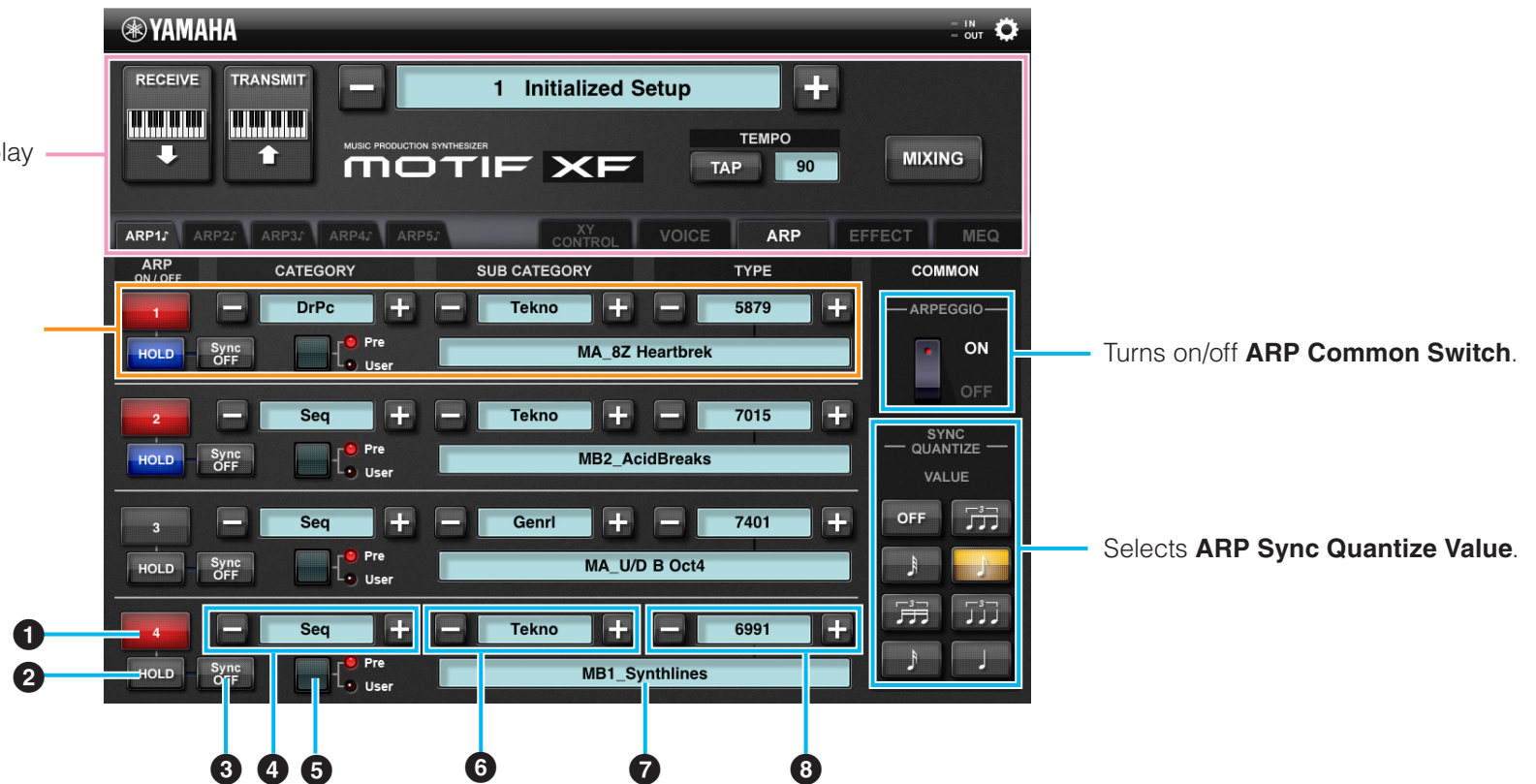
Tap the desired Main Category and Sub Category to call up the corresponding Voice List, then tap the desired Voice name. The Voice List can be scrolled.

Dragging upward or downward will scroll through the Voices.

ARP display

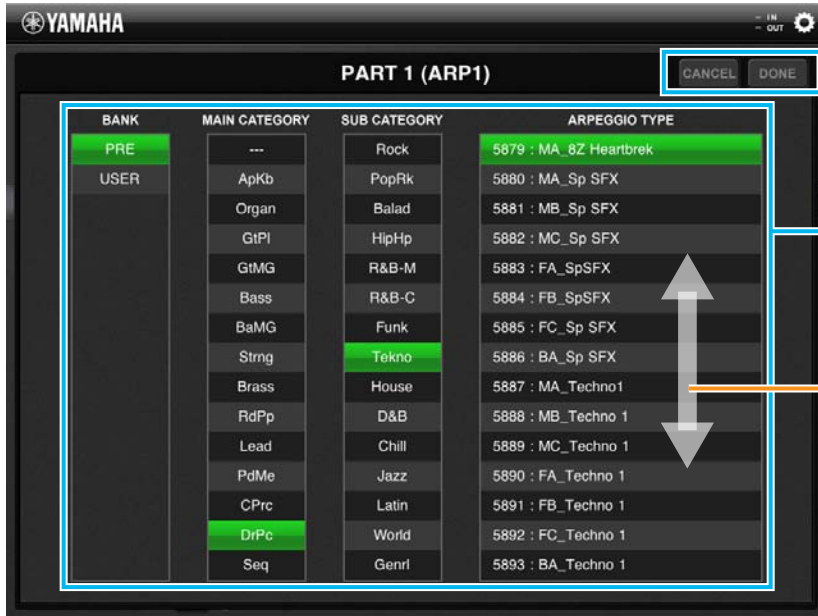
Same as in the VOICE display

Lets you edit the Part 1 parameters. Likewise, the parameters for the Parts 2 – 4 can be edited in the corresponding area.



- 1 Turns on/off **ARP Part Switch**. The red color indicates the on status while the gray color indicates the off status.
- 2 Turns on/off **ARP Hold**. The blue color indicates the on status while the gray color indicates the off status.
- 3 Sets ARP Hold to **Sync Off**. The blue color indicates the Sync Off status while the gray color indicates a different status.
- 4 Tapping the [-]/[+] changes the Arpeggio Type to the first one of the new **Main Category**. Tapping the indication between [-] and [+] calls up the Arpeggio Type List.
- 5 Selects the **Arpeggio Type Bank** form “Pre” or “User.” The selected Bank lamp lights.
- 6 Tapping the [-]/[+] changes the Arpeggio Type to the first one of the new **Sub Category**. Tapping the indication between [-] and [+] calls up the Arpeggio Type List.
- 7 Indicates the **Arpeggio Type Name**. Tapping here calls up the Arpeggio Type List.
- 8 Tapping the [-]/[+] changes the **Arpeggio Type**. Tapping the indication between [-] and [+] calls up the Arpeggio Type List.

Arpeggio Type List



Tapping [DONE] actually assigns the selected Arpeggio Type to the current Part, then closes the List. Tapping [CANCEL] will abort selection then close the List.

Tap the desired Bank, Main Category and Sub Category, then tap the desired Arpeggio Type.

Dragging upward or downward scrolls through the Arpeggio Types.

EFFECT display

The screenshot shows the Yamaha MOTIF XF EFFECT display. At the top, it displays '1 Initialized Setup' and 'MUSIC PRODUCTION SYNTHESIZER MOTIF XF'. Below this are controls for RECEIVE, TRANSMIT, TEMPO (90), and MIXING. A row of buttons includes ARP1-5, XY CONTROL, VOICE, ARP, EFFECT, and MEQ. The main area features an INSERTION SWITCH for VOICE 1-4 and A/D, a MASTER EFFECT ON/OFF toggle, and two effect sections: CHORUS and REVERB. Each effect section has a CHO TO REV knob, a RETURN knob (96 for Chorus, 64 for Reverb), and a PAN knob (C for both). Annotations with lines point to various elements: a pink box around the top section is labeled 'Same as in the VOICE display'; a blue box around the insertion switches is labeled 'Lets you set the Insertion Switch to on or off for each Part.'; a blue box around the CHORUS and REVERB sections is labeled 'Tapping here calls up the CHORUS display.' and 'Tapping here calls up the REVERB display.'; a blue box around the MASTER EFFECT toggle is labeled 'Tapping here calls up the MASTER EFFECT display.' and 'Sets the Master Effect ON/OFF.'; and a blue box around the effect knobs is labeled 'To adjust each value, drag around the knob or tap the value to call up the slider then operate the slider.'

Same as in the VOICE display

Lets you set the **Insertion Switch** to on or off for each Part.

Tapping here calls up the **CHORUS** display.

Tapping here calls up the **REVERB** display.

Tapping here calls up the **MASTER EFFECT** display.

Sets the **Master Effect ON/OFF**.

To adjust each value, drag around the knob or tap the value to call up the slider then operate the slider.

Reverb/Chorus/Master Effect display

From these displays, you can make the Effect settings for the Performance currently selected on the instrument. This section covers the operations on these displays having the same design.



Tapping here returns the screen to the EFFECT display.

To select an Effect Type:

Tap [+] / [-] in this area. Or tap the indicators in this area to call up the Effect list, tap the desired Category, tap the desired Type, then tap the desired Preset setting. After selecting, tap [Done] to close the Effect list.

Effect List

To edit the Effect parameter:
Drag the slider of the desired parameter, or tap [+] / [-].

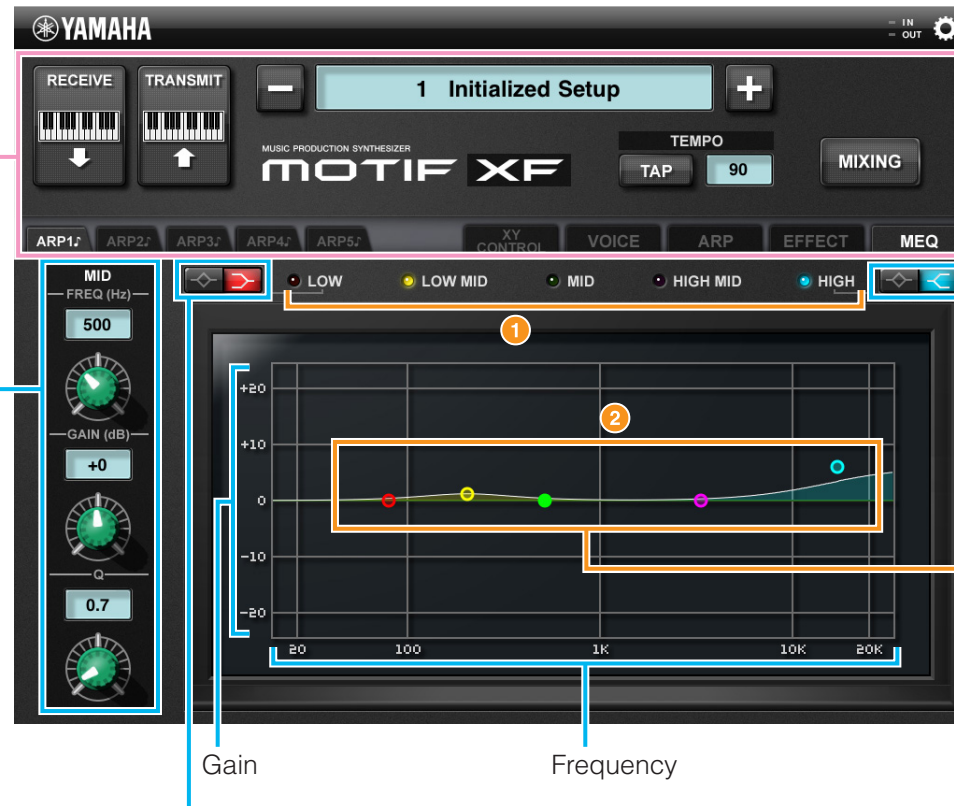
Dragging upward or downward will scroll through the parameters.



MEQ display

Same as in the VOICE display

To adjust the EQ parameters for each Band, tap the desired band at ① or ② to correspondingly change the Knob color, then operate the Knob, or tap the value to call up the slider for adjusting.



Select the shape of the HIGH band from Shelving (left side) and Peaking (right side).

To edit the EQ setting, drag the dot with the color corresponding to that of the desired band (LOW, LOW MID, MID, HIGH MID or HIGH).

Select the shape of the LOW band from Shelving (left side) and Peaking (right side).

XY CONTROL display

The Pad area on this display lets you simultaneously control the five parameters specified for CONTROL 1 – 5. This means that you can freely change the sound in real time during keyboard performance by controlling the Pad area.



Same as in the VOICE display

Sets the **Control Parameter**. Tap [+] / [-], or tap the Parameter name between [-] and [+] to call up the list, then tap the desired parameter.

Sets how the Control Parameter Value is determined.

X: The horizontal value of the ball position will be transmitted as the parameter value.

Y: The vertical value of the ball position will be transmitted as the parameter value.

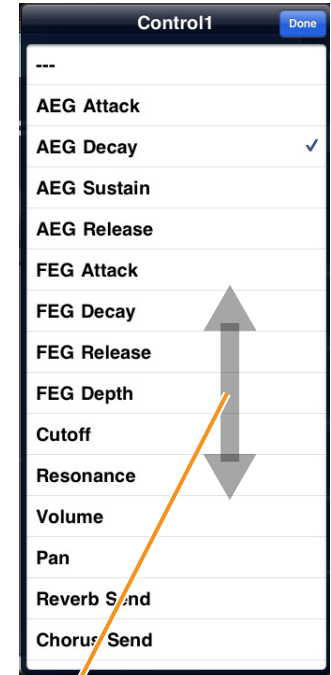
Pad

Resets the ball position to the center of the Pad.

Ball
Indicates the current position of your control.

Sets the sensitivity of the ball in the Pad area. Move the slider rightward to raise the sensitivity.

Parameter List

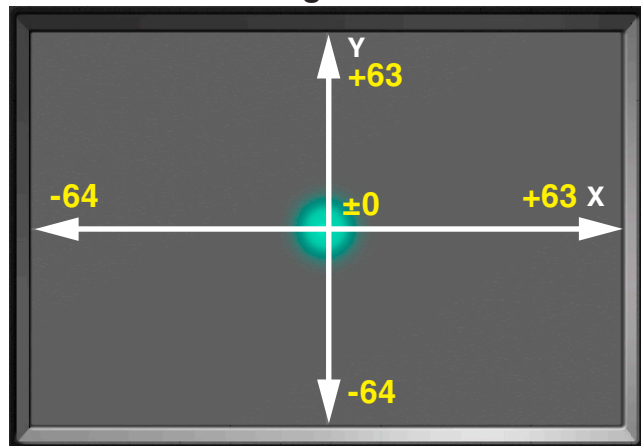


Dragging upward or downward will scroll through the parameters.

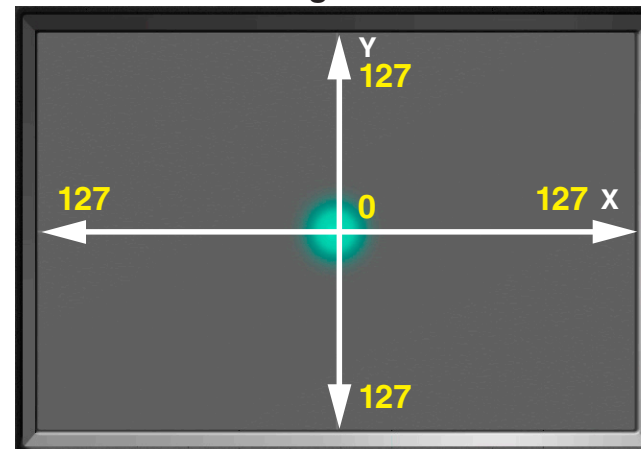
Ball position and Parameter value

Moving the ball transmits the values of the parameters specified for CONTROL 1 – 5 from your iPad to the instrument. As shown below, two different value ranges are available.

When the value range is -64 – +64:



When the value range is 0 – 127:



Parameter Name	Descriptions	
AEG Attack	Controls the corresponding Common parameter.	
AEG Decay		
AEG Sustain		
AEG Release		
FEG Attack		
FEG Decay		
FEG Release		
FEG Depth		
Cutoff		
Resonance		
Pan		
Assign 1		Controls the parameter set to Assign 1 in the Utility window.
Assign 2		Controls the parameter set to Assign 2 in the Utility window.

Parameter Name	Descriptions
Volume	Controls the corresponding Common parameter.
Reverb Send	
Chorus Send	
Foot Controller 1	Controls the parameter set to Foot Controller 1 in the Utility window.
Foot Controller 2	Controls the parameter set to Foot Controller 2 in the Utility window.
A.Function 1	Controls the parameter set to A.Function 1 in the Utility window.
A.Function 2	Controls the parameter set to A.Function 2 in the Utility window.
Breath Controller	Controls the parameter set to Breath Controller in the Utility window.

For details about Parameter Change, refer to the respective manuals of the instruments.

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