

Setup Operations

Press and hold GAIN, then turn on the MX-1

Press START/STOP to save any changes.

Parameter	Control	Values	Notes
Channel Link	Channel 1 or 2 SELECT	Channel 2 LED LIT Channel 2 LED UNLIT	When Channel 2 LED is LIT, channels 1 and 2 set to MONO pair When Channel 2 LED is off, Channel 1 set to STEREO and Channel 2 disabled
	Channel 3 or 4 SELECT	Channel 4 LED LIT Channel 4 LED UNLIT	When Channel 4 LED is LIT, channels 3 and 4 set to MONO pair When Channel 4 LED is off, Channel 3 set to STEREO and Channel 4 disabled
DIGITAL Jack	DIGITAL Channel Directions SELECT	LIT (INPUT) Unlit (OUTPUT)	
USB AUDIO	BFX Button + VALUE Knob	44.1 48 96	Specifies the USB Audio sampling rate in KHz.
MIDI Channel	SHUFFLE (HOLD) + VALUE KNOB	OFF C1 - C16 (Default 15) ONn (OMNI)	When a specific channel is set, this will be both Receive and Transmit channel When OMNI is set, the Receive channel is ALL, the Transmit channel is 15
Fader Level Mode	PAD 1	LIT (PASS THROUGH) UNLIT (JUMP)	Applies on scene memory recall When set to PASS THROUGH, value is ignored until the fader is moved passed the value When set to JUMP, moving a fader causes the value to jump to the fader position
AUX SEND Routing	PAD 2	LIT (POST FADER) UNLIT (PRE FADER)	
AUX RETURN Routing	PAD 3	LIT (ON) UNLIT (OFF)	When LIT, MASTER FX is applied to audio at the AUX RETURN jacks When UNLIT, no MASTER FX is applied
MIDI THRU	PAD 4	LIT (ON) UNLIT (OFF)	When ON, MIDI data received at MIDI IN is retransmitted via MIDI OUT
MIXER MODE	TONE Button + VALUE Knob	NiH (MIXER Mode)	
	TONE Button + VALUE Knob	Sur (SURFACE CONTROL Mode)	
	TONE BUTTON + VALUE Knob	EXT (EXTERNAL MIXER Mode)	
SCREEN SAVER	PAN + VALUE KNOB	OFF, 1 - 30	Time, in minutes, taken to display LED Screensaver. Default is 5
LED Colours	AUX + VALUE Knob	CL 1 - 6	Determines the colours of the LED Pads. Select 2 for a dimmed version of the default colours.
SYSTEM Version	GAIN		Shows current firmware version

Memory Banks

Function	Selector	Control	Notes
SCENE Store	STORE	VALUE KNOB or PADS 1 -16	Select memory locations 1 - 8
SCENE Recall	RECALL	VALUE KNOB or PADS 1 -16	Use PADS 1-16 to immediately recall the scene, or turn VALUE to read MAN to retain TONE/FILTER and FADER Values instead of the saved values VALUE can also be use to recall a scene by turning VALUE to select scene and pressing RECALL
SCENE Clear	TAP (HOLD)	PADs 1-16	

Channel Selection

Function	Selector	Control	Notes
Select All	GAIN (HOLD)	Channel BFX Channel MFX Channel Mute PAD 1 - 16	Select BFX for all channels Select MFX for all channels Mute all channels Select all PADS
Unselect All	PAN (HOLD)	Channel BFX Channel MFX Channel Mute PAD 1 - 16	UnSelect BFX for all channels UnSelect MFX for all channels UnMute all channels Select all PADS
Select One	TONE (HOLD)	Channel BFX Channel MFX Channel Mute	Select BFX for the selected channel Select MFX for the selected channel Mute the selected channel
Unselect One	AUX (HOLD)	Channel BFX Channel MFX Channel Mute	UnSelect BFX for selected channel UnSelect MFX for selected channel UnMute selected channel channels
Invert Channel Selection	FADER (HOLD)	Channel BFX Channel MFX Channel Mute PAD 1 - 16	Press any channel BFX, MFX button or PAD to swap selected and unselected channels

MASTER FX COMBI

Function	Selector	Control	Notes
Select FX COMBI	COMBI (HOLD)	TEMPO	CN1 - CN20
Edit FX COMBI	MASTER FX BUTTON	PADS 1 - 16	Press PAD to apply selected effect to that STEP Press PAD again to remove
Clear COMBI Pattern	PAN + COMBI (HOLD) or PAN + EFFECT + PAD		Overwrites current selected pattern
Random COMBI Pattern	COMBI + SHUFFLE		Generates a random COMBI pattern in one-beat segments Overwrites current selected pattern
One Shot	TAP + COMBI	PAD 1 - 16	Applies COMBI FX from selected PAD to end of sequencer

TONE/FILTER Settings

Function	Selector	Control	Notes
Adjust TONE/FILTER Settings	TONE	Use Channel SELECT and turn VALUE KNOB	1. FILTER 1 [FL 1]
			2. FILTER 2 [FL 2]
			LP and HP Filters are Applied
			3. TONE 1 [tn 1]
			4. TONE 4 [tn 2]
			Low and High Frequency ranges are changed
			5. EQ LOW 1 [Lo 1]
			6. EQ LOW 2 [Lo 2]
			Low Frequency range is changed
			7. EQ HIGH 1 [Hi 1]
			8. EQ HIGH 2 [Hi 2]
			High Frequency renage is changed
9. ISOLATOR 1 [iS 1]			
Low and High Frequencies cut			
10. ISOLATOR 2 [iS 2]			
Low, Mid and High Frequencies are cut			
11. FILTER 1 [FL 3]			
12. FILTER 2 [FL 4]			
LP and HP Filters are Applied			

MASTER FX

Function	Selector	Control	Values
Change MASTER FX Variations	DELAY (HOLD)	TEMPO Knob	DLY1 thru 8
	DELAY	TIME + TEMPO	3.128, 1/32, 1/24, 3/64, 1/16, 1/12, 3/32, 1/8, 1/6, 3/16, 1/4, 1/3, 3/8, 1/2, 2/3, 3/4, 1
	FILTER (HOLD)	TEMPO Knob	FLT1 thru 8
	FILTER	TIME + TEMPO	1 - 100
	SCATTER (HOLD)	TEMPO Knob	SCR1 thru 8
	SCATTER	TIME + TEMPO	1 - 100
	FLANGER (HOLD)	TEMPO Knob	FLG1 thru 8
	FLANGER	TIME + TEMPO	3.128, 1/32, 1/24, 3/64, 1/16, 1/12, 3/32, 1/8, 1/6, 3/16, 1/4, 1/3, 3/8, 1/2, 2/3, 3/4, 1 4/3, 3/2, 2, 8/3, 3, 4, 16/3, 6, 8
	BIT CRUSH (HOLD)	TEMPO Knob	BIR1 thru 8
	BIT CRUSH)	TIME + TEMPO	TYP1 - 4
	ROLL (HOLD)	TEMPO Knob	ROL1 thru 8
	ROLL	TIME + TEMPO	1.128, 1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1

BEAT FX

Function	Selector	Control	Notes
BEAT FX Type	FILTER (HOLD)	VALUE KNOB	FL1 thru 5
	SIDE CHAIN (HOLD)	VALUE KNOB	SC1 thru 5
	SLICER (HOLD)	VALUE KNOB	SL1 thru 5
BEAT FX Depth	BFX (HOLD)	VALUE KNOB	Adjusts the duration of the applied effect
BEAT FX Length	BFX (HOLD)	PADS 1 - 16	PAD determines the last step of sequencer.

MASTERING

Function	Selector	Control	Notes
Enable Mastering	MASTERING		ENABLE/DISABLE mastering function
Change Mastering Type	MASTERING (HOLD)	TEMPO KNOB	1 thru' 10
Change Mastering Setup	MASTERING (HOLD)	VALUE KNOB	N1 thru N65 Use TEMPO knob to change value of selected Mastering option.

MIDI Clock

Function	Selector	VALUES	Notes
SYNC	TEMPO	Auto	Autodetects MIDI clock, in order, from the following: 1. USB, 2. MIDI IN, 3. USB HOST 1 4. USB HOST 2, 5. USB HOST 3, 6. USB HOST 4
		Int	MX-1 is clock master
		Midi	MX-1 uses clock received at MIDI IN
		USB 1-4	MX-1 uses clock received at USB Host ports
		PC	MX-1 uses clock received from connected PC
TEMPO	FINE or TAP		Set tempo if MX-1 using Internal Clock

MIDI Change Controls

Control Change	Function	Value
3	TONE/FILTER CHANNEL 1	0-127 (64)
9	TONE/FILTER CHANNEL 2	0-127 (64)
14	TONE/FILTER CHANNEL 3	0-127 (64)
15	TONE/FILTER CHANNEL 4	0-127 (64)
16	TONE/FILTER CHANNEL 5/6	0-127 (64)
17	TONE/FILTER CHANNEL DIGITAL	0-127 (64)
18	TONE/FILTER CHANNEL USB1	0-127 (64)
19	TONE/FILTER CHANNEL USB2	0-127 (64)
20	TONE/FILTER CHANNEL USB3	0-127 (64)
21	TONE/FILTER CHANNEL USB4	0-127 (64)
22	TONE/FILTER CHANNEL PC	0-127 (64)
23	FADER CHANNEL 1	0-127 (64)
24	FADER CHANNEL 2	0-127 (64)
25	FADER CHANNEL 3	0-127 (64)
26	FADER CHANNEL 4	0-127 (64)
27	FADER CHANNEL 5/6	0-127 (64)
28	FADER CHANNEL DIGITAL	0-127 (64)
29	FADER CHANNEL USB1	0-127 (64)
30	FADER CHANNEL USB2	0-127 (64)
31	FADER CHANNEL USB3	0-127 (64)
35	FADER CHANNEL USB4	0-127 (64)
41	FADER CHANNEL PC	0-127 (64)
46	MUTE CHANNEL 1	0=MUTE OFF, 127=MUTE ON
47	MUTE CHANNEL 2	0=MUTE OFF, 127=MUTE ON
48	MUTE CHANNEL 3	0=MUTE OFF, 127=MUTE ON
49	MUTE CHANNEL 4	0=MUTE OFF, 127=MUTE ON
50	MUTE CHANNEL 5/6	0=MUTE OFF, 127=MUTE ON
51	MUTE CHANNEL DIGITAL	0=MUTE OFF, 127=MUTE ON
52	MUTE CHANNEL USB1	0=MUTE OFF, 127=MUTE ON
53	MUTE CHANNEL USB2	0=MUTE OFF, 127=MUTE ON
54	MUTE CHANNEL USB3	0=MUTE OFF, 127=MUTE ON
55	MUTE CHANNEL USB4	0=MUTE OFF, 127=MUTE ON
56	MUTE CHANNEL PC	0=MUTE OFF, 127=MUTE ON
57	MFX CHANNEL 1	0=OFF, 127=ON
58	MFX CHANNEL 2	0=OFF, 127=ON
59	MFX CHANNEL 3	0=OFF, 127=ON
60	MFX CHANNEL 4	0=OFF, 127=ON
61	MFX CHANNEL 5/6	0=OFF, 127=ON
62	MFX CHANNEL DIGITAL	0=OFF, 127=ON
63	MFX CHANNEL USB1	0=OFF, 127=ON
68	MFX CHANNEL USB2	0=OFF, 127=ON
69	MFX CHANNEL USB3	0=OFF, 127=ON
79	MFX CHANNEL USB4	0=OFF, 127=ON
80	MFX CHANNEL PC	0=OFF, 127=ON
81	BFX CHANNEL 1	0=OFF, 127=ON
82	BFX CHANNEL 2	0=OFF, 127=ON
83	BFX CHANNEL 3	0=OFF, 127=ON
84	BFX CHANNEL 4	0=OFF, 127=ON

85	BFX CHANNEL 5/6	0=OFF, 127=ON
86	BFX CHANNEL DIGITAL	0=OFF, 127=ON
87	BFX CHANNEL USB1	0=OFF, 127=ON
89	BFX CHANNEL USB2	0=OFF, 127=ON
90	BFX CHANNEL USB3	0=OFF, 127=ON
96	BFX CHANNEL USB4	0=OFF, 127=ON
97	BFX CHANNEL PC	0=OFF, 127=ON