

MIDI CONTROL CHANGE CHANNELS

Parameter	CC#	Values/Descriptions
-----------	-----	---------------------

FADERS

BASS	14	Value Range: 0-127 (Full down is 0, Full up is 127)
MIDS	15	Value Range: 0-127 (Full down is 0, Full up is 127)
CROSS	16	Value Range: 0-127 (Full down is 0, Full up is 127)
TREBLE	17	Value Range: 0-127 (Full down is 0, Full up is 127)
MIX	18	Value Range: 0-127 (Full down is 0, Full up is 127)
PRE-DLY	19	Value Range: 0-127 (Full down is 0, Full up is 127)

ARCADE BUTTONS

JUMP	22	Value Range: 1: Off, 2: 0, 3: 5
TYPE	23	Value Range: 1: Room, 2: Plate, 3: Hall
DIFFUSION	24	Value Range: 1: Low, 2: Med, 3: High
TANK MOD	25	Value Range: 1: Low, 2: Med, 3: High
CLOCK	26	Value Range: 1: HiFi, 2: Standard, 3: LoFi

OTHER

PRESET SAVING	27	Value Range: 0-29 (CC# is equal to desired preset slot)
AUX PERF SWITCH 1	28	Any Value will trigger this event
AUX PERF SWITCH 2	29	Any Value will trigger this event
AUX PERF SWITCH 3	30	Any Value will trigger this event
AUX PERF SWITCH 4	31	Value Range: 0: Sustain on, 1(or>) Sustain off
EXPRESSION	100	Value Range: 0-127 (Full down is 0, Full up is 127)
EOM UNLOCK	101	Value Range: Any value will unlock EOM Lock
BYPASS / ENGAGE	102	Value Range: 0: Bypass, 1(or >): Engage

MERIS AUX SWITCH FUNCTIONS

Toggle mode by pressing JUMP when you insert TRS cable

PRESET MODE

SWITCH 1	Preset 1 in the current bank
SWITCH 2	Preset 2 in the current bank
SWITCH 3	Preset 3 in the current bank
SWITCH 4	Preset 4 in the current bank

PERFORMANCE MODE

SWITCH 1 (1st Press)	Moves sliders to expression heel position (if programmed)
SWITCH 1 (2nd Press)	Return to core preset settings
SWITCH 2 (1st Press)	Moves sliders to expression toe position (if programmed)
SWITCH 1 (2nd Press)	Return to core preset settings
SWITCH 3	Buffer clear (abruptly cuts reverb trails)
SWITCH 4 (1st Press)	Locks the sustain of your reverb trails and routes dry signal to output
SWITCH 4 (2nd Press)	Turns sustain lock off with a fade out based on decay settings

CXM 1978™ allows all of its parameters to be controlled via control change messages, as well as its presets to be saved with control change messages, and recalled with program change messages.

To connect your CXM 1978™ to a MIDI controller, all you need to do is run a standard 5-pin MIDI cable from the “MIDI OUT” port on your MIDI controller to the “MIDI IN” port on the pedal. For your convenience, we have also included a “MIDI THRU” port allowing MIDI messages coming into the “MIDI IN” port to be passed downstream to other MIDI pedals.

MIDI CHANNEL

CXM 1978™ is set to MIDI channel 2 by default. This can be changed by holding down both stomp switches simultaneously when you provide power to the pedal and releasing the stomp switches once the seven segment display on the front of the pedal lights up. The pedal is now looking for the first program change message it sees and will set itself to whichever channel it receives that message from. Note: you may need to send that program change message more than one time. This is saved as the new MIDI channel until you decide to change it again.

SAVING A PRESET VIA MIDI

You can save your current settings via MIDI to any of the 30 preset slots. Send CC#27 and the value (0-29) will save the current configuration to the intended preset slot. Remember, you can also save a preset to the current slot at any time by pressing and holding the SAVE stomp switch on the pedal.

RECALLING A PRESET VIA MIDI

Presets 0-29 are recalled using program changes 0-29. You can do this by sending the corresponding program change # from your MIDI controller. For example, sending a program change message of “4” loads bank one (left LED off), preset four. Sending a message of “17” loads bank two (left LED red), preset seven. Sending a program change of “20” loads bank three (left LED green), preset zero.

CONTROL CHANGE MESSAGES

CXM 1978™ can be controlled with MIDI control change messages. View the table shown in the upper left that outlines which MIDI control change message controls each CXM 1978™ parameter.

AUX CONTROL

To control the AUX functions on your CXM 1978™ you can plug in a Meris Preset Switch with a TRS cable to access two modes: **Preset mode and Performance mode**. Switch between modes by holding the Jump arcade button while connecting your TRS cable to the Aux port.

Preset mode is simple, the four switches on the Preset Switch will recall presets 1 - 4 on each of the three banks on CXM.

Performance mode has more to it. Switches 1 and 2 on the Preset Switch allow you to recall the heel and toe positions, respectively, on any given preset. This could also allow you to effectively have 3 presets for any dedicated preset slot. Heel and toe positions are set in the expression menu. Press switch 1 to access the heel position. Press again to go back to your standard preset position. Press switch 2 to access the toe position. Press again to go back to your standard preset position.

Switches 3 and 4 are really fun and let you manipulate the reverb buffer. Switch 3 instantly kills the reverb tail. This is especially useful for dramatic, abrupt terminations of huge reverb trails. Switch 4 acts as a kind of sustain locking mechanism, blocking your incoming dry signal from entering the reverb path but maxing the reverb tails, allowing you to play over a familiar (yet evolving and recirculating) reverb landscape. Press switch 4 again to gracefully clear the buffer, or abruptly clear the buffer by pressing switch 3.

