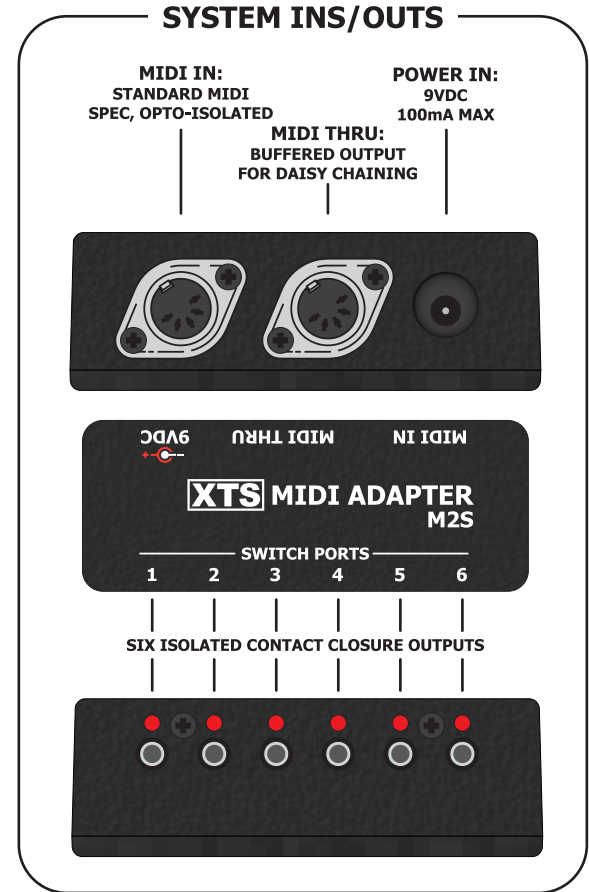# XTS M2S MIDI Adapter

The XTS M2S MIDI Adapter converts MIDI control change messages into six isolated contact closures. Since every switch port has zero connection to any other port, each switch can remotely control separate devices while avoiding ground loop and crosstalk problems.

Switch ports can be used to switch amp functions, control tap tempos, Suhr FX Link pedals, Strymon favorite switches (with adapter cable), JHS Red Remote cables, and the XTS RMT port on any so equipped XTS pedal or any pedal modified with our soft-touch true-bypass switching system.
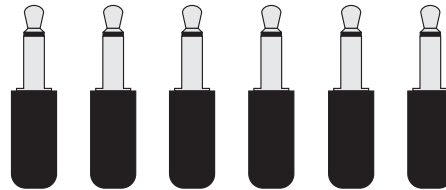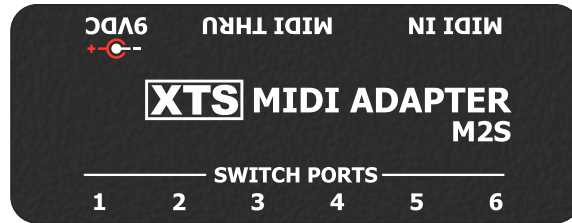
When combining multiple M2S units in a single system, assign each to different MIDI channels to expand your switching capacity.

Individual switch specifications:
60 VDC maximum, 75 mA maximum
Exceeding these specs could damage the M2S

SYSTEM INS/OUTS

MIDI IN:
STANDARD MIDI
SPEC, OPTO-ISOLATED

POWER IN:
9VDC
100mA MAX

MIDI THRU:
BUFFERED OUTPUT
FOR DAISY CHAINING

9VDC   MIDI THRU   MIDI IN

XTS MIDI ADAPTER
M2S

SWITCH PORTS
1   2   3   4   5   6

SIX ISOLATED CONTACT CLOSURE OUTPUTS

www.xacttone.com
support@xacttone.com

XTS

TS Switch Outputs

Individual ports can be used with 1/8" mono TS plugs

9VDC   MIDI THRU   MIDI IN

XTS MIDI ADAPTER
M2S

SWITCH PORTS
1   2   3   4   5   6

EXAMPLE:

PORT
1

SLEEVE   TIP   [SWITCH 1]

MIDI MESSAGES

CONTINUOUS CONTROLLER	VALUE	ACTION	
CC# 80	[0-63]	SWITCH 1 OPEN	
	[64-127]	SWITCH 1 CLOSED	
CC# 81	[0-63]	SWITCH 2 OPEN	
	[64-127]	SWITCH 2 CLOSED	
CC# 82	[0-63]	SWITCH 3 OPEN	
	[64-127]	SWITCH 3 CLOSED	
CC# 83	[0-63]	SWITCH 4 OPEN	
	[64-127]	SWITCH 4 CLOSED	
CC# 84	[0-63]	SWITCH 5 OPEN	
	[64-127]	SWITCH 5 CLOSED	
CC# 85	[0-63]	SWITCH 6 OPEN	
	[64-127]	SWITCH 6 CLOSED	

MIDI CHANNEL

CHANNEL 1	CHANNEL 9
CHANNEL 2	CHANNEL 10
CHANNEL 3	CHANNEL 11
CHANNEL 4	CHANNEL 12
CHANNEL 5	CHANNEL 13
CHANNEL 6	CHANNEL 14
CHANNEL 7	CHANNEL 15
CHANNEL 8	CHANNEL 16

Set internal dip switch to select MIDI channel. When using multiple M2S units in a system, set each to a different channel

XTS RMT SPECIFIC MESSAGES

CONTINUOUS CONTROLLER	VALUE	ACTION
CC# 70	[0-63]	SWITCH 1 OPEN
	[64-127]	SWITCH 1 CLOSED
CC# 71	[0-63]	SWITCH 2 OPEN
	[64-127]	SWITCH 2 CLOSED
CC# 72	[0-63]	SWITCH 3 OPEN
	[64-127]	SWITCH 3 CLOSED
CC# 73	[0-63]	SWITCH 4 OPEN
	[64-127]	SWITCH 4 CLOSED
CC# 74	[0-63]	SWITCH 5 OPEN
	[64-127]	SWITCH 5 CLOSED
CC# 75	[0-63]	SWITCH 6 OPEN
	[64-127]	SWITCH 6 CLOSED

XTS RMT USERS!

XTS Remote (RMT) equipped pedals can expand your switching guitar rig by making each pedal's footswitch act as its own instant access button, turning the pedal on or off independently of its RMT switch state.

A special MIDI CC command ensures your RMT equipped pedals are updated whenever the pedal's M2S SWITCH receives a continuous controller message. A RMT pedal will be on whenever its SWITCH receives a 'closed' CC and off when its SWITCH receives an 'open' CC.

Use these specific CC# values for XTS RMT equipped pedals only as this advanced signaling may not be compatible for other remote switching systems or applications.