

PRE-UNIVERSAL EXPRESSION 2X LINE CPU

Switch S4 (near LEDs in upper right corner of CPU)

Note that DIP Switches are mounted upside-down as you face them — Off = Away from You, On = Toward You

Dip	Function	Position	Action
1	Factory	Off	Should always be off
2,3	Start Up Mode	Off Off	Network off
		On On	Network on/One console
		On Off	Network on/FTB Console A
		Off On	Network on/FTB Console B
4	SMPTE	Off	SMPTE disabled
		On	SMPTE enabled
5-8	Factory	All Off	Should always be off

Switches S1 and S2 (on left side of CPU) - Selects Network Cable Type

S1	S2	Action
On	Off	Twisted Pair (UTP) and ThickNet
Off	On	ThinNet

Note: Impression 2 CPU only supports Twisted Pair (UTP) cable type.

UNIVERSAL EXPRESSION 2X/3 LINE CPU

Switch S1 (back of console, near ETCNet connectors)

Dip	Function	Position	Action
1	Factory	Up	Should always be up
2,3	Start Up Mode	Up Up	Network Off
		Dn Dn	Network on/One console
		Dn Up	Network on/FTB Console A
		Up Dn	Network on/FTB Console B
4	SMPTE	Up/Dn	Disabled/Enabled
5-6	Factory	Up	Should always be up
7	ETCNet	Up	ThinNet
		Dn	Twisted pair (UTP)
8	UTP polarity	Up	Normal
		Dn	Pairs swapped

Off=Up, On=Down

Note: Impression 2 CPU only supports Twisted Pair (UTP) cable type.

PRE-UNIVERSAL FACEPANEL

Expression 2x Consoles - Jumper J20 (lower right side of PCB) -selects MIDI output

Pin	Action
1	Enable MIDI Out
2	Enable MIDI Out as MIDI Thru

Insight 2x Consoles - Jumper J7 (lower right of center on PCB) MIDI settings

Pin	Action
A	Enable MIDI Out
B	Enable Midi Out as Thru

UNIVERSAL EXPRESSION 2X/3 FACEPANEL

Expression 2x/3 Consoles - Jumper J5 (lower right side of pcb) Selects MIDI output

Pin	Action
1	Enable MIDI Out
2	Enable MIDI Out as MIDI Thru

Insight 2x/3 Consoles - Jumper J8 (lower right side of pcb)Selects MIDI output

Pin	Action
A	Enable MIDI Out
B	Enable MIDI Out as MIDI Thru