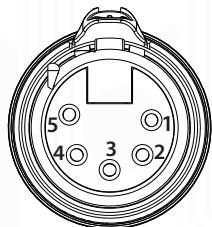
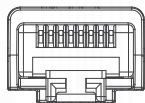


Halo, Switch and LED control

SM80S X5 PTT, SM80S X5 LATCH



XLR 5



RJ45



SM80S X5

DSP, Control System and/or Logic box Wiring

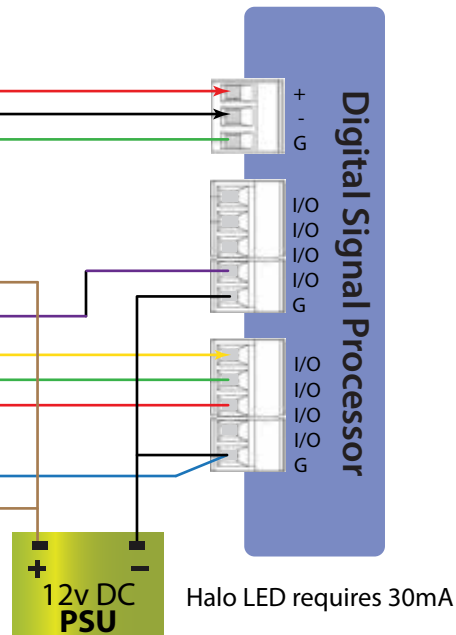
XLR 5 Pinout: Audio Input

Red	Phase +	5
Black	Phase -	3
Green	Ground	1

XLR 5 Pinout: Halo LED:

Brown	Halo +	4
Purple	Halo -	2

Red	Red LED	2
Blue	Ground	3
Brown	+ve 12 (default)	4
Yellow	Switch logic control	5
Green	Green LED	6



Halo LED requires 30mA

CDT 100 MK3 Wiring

XLR 5 Pinout: Audio Input

Pinout same as above above drawing

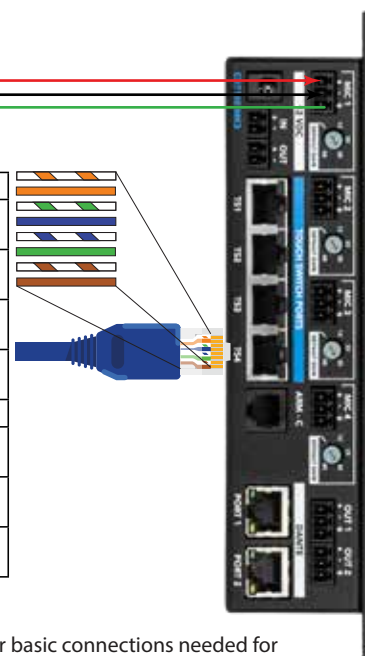
For independant halo LED control
Pin 2 connects to CDT100 Mk3 Pin 7

Brown	Halo +	4
Purple	Halo -	2

RJ45: Switch, LED

Red	Red LED	2
Blue	Ground	3
Brown	+ve 12 (default)	4
Yellow	Switch logic control	5
Green	Green LED	6

TS PINOUT DIAGRAM	
Pin 1	Logic Input (3.3V logic high) to detect the Reed switch on Clockaudio CRM series microphones
Pin 2	Negative (-) lead for RED LEDs on Clockaudio devices
Pin 3	Common Ground for LED, Switch operation, & Reed switch ground
Pin 4	12V (+) supply for LED and Switch operation on Clockaudio control devices
Pin 5	Logic Input (3.3V logic high)
Pin 6	Negative (-) lead for GREEN LEDs on Clockaudio devices
Pin 7	Negative (-) lead for BLUE LEDs on Clockaudio devices
Pin 8	Logic Input (3.3V logic high) for user defined logic Input



Disclaimer: These drawings will work with Clockaudio products as suggested, they are recommendations for basic connections needed for DSP, control systems and/or GPIO boxes. Please note that not all GPIO functionalities across different brands are the same. When installing any Clockaudio product with a third party device, procedures must be followed in accordance to third party manufacturer specifications.