Halo, Switch and LED control
S157

XLR 7

S157

DSP, Control System and/or Logic box Wiring

XLR 7 Pinout: Audio Input

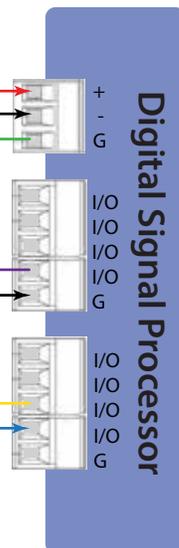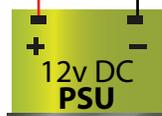|		
Phase +	5	
Phase -	3	
Ground	1	

→ +
→ -
→ G

Digital Signal Processor

XLR 7 Pinout: Halo LED

Halo +	6	
Halo -	7	

I/O
I/O
I/O
I/O
G

XLR 7 Pinout : Switch, LED

LED Contact	2	
Switch Out	4	

I/O
I/O
I/O
I/O
G

Halo LED requires 30mA

+ 12v DC − PSU

CDT 100 MK3 Wiring

XLR 7 Pinout: Audio Input
Pinout same as above above drawing

XLR 7 Pinout: Halo LED
For independant halo LED control
Pin 2 connects to CDT100 Mk3 Pin 6 or 7

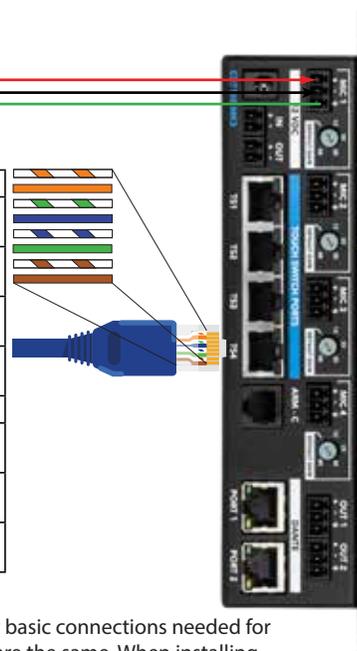|		
Halo +	6	
Halo -	7	

XLR 7 Pinout: Switch, LED

LED Contact	2	
Switch Out	4	

1N4005

A diode is recommanded on pin 4 to protect CDT 100 Mk3 against overload.

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