

# XLR wiring PCB

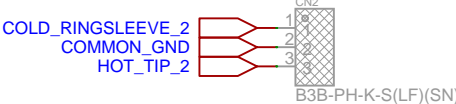
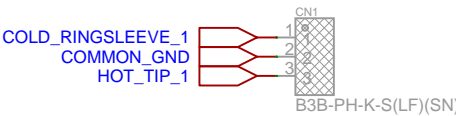
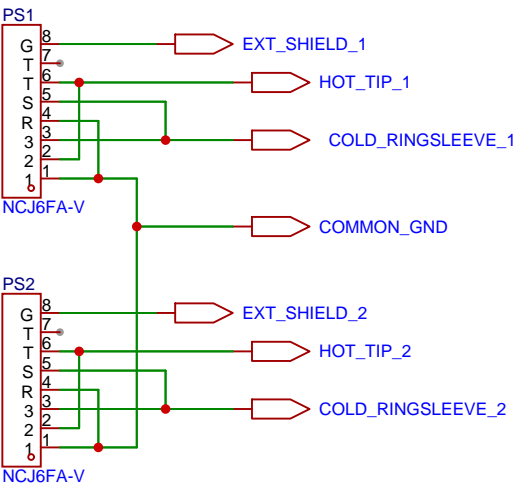
XLR cable plugged in  
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COMMON\_GND pin 1: shield/ground  
HOT\_TIP pin 2: positive/hot  
COLD\_RINGSLEEVE pin 3: negative/cold

HILTON-compatible cable plugged in  
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COMMON\_GND/COLD\_RINGSLEEVE: ground  
HOT\_TIP: signal

EXT\_SHIELD: currently UNUSED

MIC 1

MIC 2



NOTE: Ring and Sleeve will be shorted together when a 1/4" plug from a Hilton-compatible cable is plugged in.

Therefore, an XLR cable will be balanced with HOT, COLD, and GND, and a Hilton-compatible cable will be UNbalanced with just GND and SIGNAL/HOT.

NOTE: IN NEXT VERSION, ADD AN OPTIONAL JUMPER BETWEEN EXT\_SHIELD and COMMON\_GND.

Schematic	Schematic1			Update Date	2025-11-02
				Create Date	2024-03-31
Page	P1			Part Number	JLCPCB-002
Drawn	EasyEDA	XLR board			
Reviewed	EasyEDA				
		VER	SIZE	PAGE	1 OF 1
EasyEDA		V0.1	A4	EasyEDA.com	