

Sony CCU Connections - Intercom

Connecting Intercom to Sony CCUs

4 - Wire connection

2 – Wire connection

****The most commonly asked intercom question:**
"How is a 2 wire system connected to the CCU?"

ENG receive/Talk
Connect to pin 1 (D-Sub 25)

ENG/PROD GND
Tie pins 3 and 16 to ENG/Prod common

PROD receive/Talk
Connect to pin 14 (D-Sub25)

INTERCOM/TALLY/PGM (D-sub 25P, Female)

- EXT VIEW -
(8 dBu + 0.775 Vrms)

No.	Signal	Specifications
1	ENG (R) (X) OUT	ENG SYSTEM RECEIVE
2	ENG (R) (Y) OUT	0 dBu BALANCED
3	ENG (G)	GND for ENG
4	ENG (T) (X) IN	ENG SYSTEM TALK
5	ENG (T) (Y) IN	0 dBu BALANCED
6	PGM1 (X) IN	-20 dBu/0 dBu + 4 dBu (Selectable with CCU Menu)
7	PGM1 (Y) IN	
8	PGM1 (G) IN	
9	GND	GND for AUX
10	AUX	
11	R TALLY (X) IN	ON 24 Vdc TTL (H), SHORT
12	R TALLY (Y) IN	OFF 0 Vdc TTL (L), OPEN
13	GND	CHASSIS GND
14	PROD (R) (X) OUT	PROD SYSTEM RECEIVE
15	PROD (R) (Y) OUT	0 dBu BALANCED
16	PROD (G)	GND for PROD
17	PROD (T) (X) IN	PROD SYSTEM TALK
18	PROD (T) (Y) IN	0 dBu BALANCED
19	PGM2 (X) IN	-20 dBu/0 dBu + 4 dBu (Selectable with CCU Menu)
20	PGM2 (Y) IN	
21	PGM2 (G) IN	
22	EML POW/PF OUTPUT	Active GND THROUGH (OFF) OPEN
23	EML Enable	Enable GND Normal (Disable) OPEN
24	G TALLY (X) IN	ON 24 Vdc TTL (H), SHORT
25	G TALLY (Y) IN	OFF 0 Vdc TTL (L), OPEN

(Click to Enlarge)

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(Click to Enlarge)

See photos above for pinouts for both the default 4-wire intercom connections as well as the optional 2-wire configuration. See also: <https://clear-com.atlassian.net/wiki/spaces/SF/pages/256573574/Sony+CCU+Solutions>