

G.P.I. Connector Pin-Outs

The Shortcut Editor may be remotely controlled through a 15-pin "D" connector on its rear panel. Remote functions are asserted through a switch contact to Ground. If desired, a "tally" indicator light can be wired to show that a function has taken place. The lamp is controlled through an output on the same connector. For convenience, +12 volts is provided on the connector. This may be wired through the lamp, and then back to an appropriate pin on the connector. See page 19 for instructions on interfacing to telephone control systems.

PIN #	SIGNAL NAME	DESCRIPTION
1	Ground	Ground for switch contacts
2	Speaker Mute Switch	Mute internal speakers
3	Fast Forward Switch	Enter Fast Forward
4	Rewind Switch	Enter Rewind
5	Play Switch	Enter Play
6	Stop Switch	Enter Stop
7	Record Switch	Enter Record
8	+12 Volts	Power to tally lamps; 150 mA max.
9	N/C	Do not connect
10	N/C	Do not connect
11	Fast Forward Lamp	Open collector to common; 40 mA max.
12	Rewind Tally Lamp	Open collector to common; 40 mA max.
13	Play Tally Lamp	Open collector to common; 40 mA max.
14	Stop Tally Lamp	Open collector to common; 40 mA max.
15	Record Tally Lamp	Open collector to common; 40 mA max.

G.P.I. CONNECTOR PIN ASSIGNMENTS

Setting LED Current

The operating current of an external tally LED must be set with a current limiting resistor. Given a +12 volt source, a resistor of 910Ω or 470Ω will provide LED current of 10 mA or 20 mA respectively. A 1/2-watt resistor is suitable.

GPI Input Assignment Options

The GPI Inputs can be assigned in five configurations. The default is FF,REW,STOP,REC. Play remains Play in all configurations. The second option is PAUSE,REW,STOP,REC which changes the FF input to activate Pause. This can be valuable to allow consecutive recordings in the same file without editing or insert recording. The third option is HK-1,HK-2,REC,STOP. The fourth option is HOT-KEYS 1-3,STOP. The fifth option is HOT-KEYS 1,2,3,4. The Tally outputs follow the functions of the reassigned inputs.

FF,REW,STOP, REC (Standard)	PAUSE,REW, STOP,REC	HK-1,HK-2, REC,STOP	HOT-KEYS 1-3, STOP	HOT-KEYS 1,2,3,4	GPI INPUT
FF	PAUSE	HOTKEY 1	HOTKEY 1	HOTKEY 1	Pin 3
REW	REW	HOTKEY 2	HOTKEY 2	HOTKEY 2	Pin 4
RECORD	RECORD	RECORD	HOTKEY 3	HOTKEY 3	Pin 7
STOP	STOP	STOP	STOP	HOTKEY 4	Pin 6