



Controls and Functions

- Auto-switch on/off switch engages the signal sensing circuit to control when the unit switches from **A** to **B** with the loss of signal on channel one **A**.
- Threshold control sets the level at which the signal present on channel one **A** will keep the **A** channels connected to **COMMON**. When the channel one **A** signal falls below this threshold, the AB-8 will automatically switch **COMMON** channels to the **B** channels. Only **COMMON** channels set to the M (Master) position are switched, **COMMON** channels set to **A** or **B** are not switched automatically. The threshold operates through a signal range of -40 dB to +20 dB.
- Trigger LED illuminates green when the signal level on channel one **A** is above the threshold level and stays green until that signal is removed. It then illuminates red through the duration of the hold time.
- Hold time control adjusts the length of time before the AB-8 Auto-switches the **COMMON** channels from **A** to **B** when the channel one **A** signal falls below the level set by the threshold trim pot.
- Auto-switch LED illuminates when the Auto-switch function is engaged.
- Manual **A - B** switches change all channels assigned to the Master Controls with a single push of either switch.
- A - B** LEDs indicate whether **A** or **B** channels assigned to the Master Controls are connected to the **COMMON** channels.
- Channel Select switches control the **A - B** connection to **COMMON** individually for each channel. Any of the eight channels can independently connect **A** or **B** to **COMMON** or assign the channel to the Master Controls for simultaneous multi channel switching.
- Channel yellow and red LEDs indicate the current switching status of each individual channel and the green LED illuminates when the channel is connected to the Master Controls.
- Power switch turns the power on to the AB-8. The AB-8 automatically connects **A** to **COMMON** on all eight channels when power is turned off. However, the LEDs will show no indications.
- COMMON** Female Dsub 25 connector can be either an input or output connection for eight channels of balanced audio. The connector is wired to the Tascam DA88 standard pinout.
- B** Female Dsub 25 connector can be either an input or output connection for eight channels of balanced audio. The connector is wired to the Tascam DA88 standard pinout.
- A** Female Dsub 25 connector can be either an input or output connection for eight channels of balanced audio. The connector is wired to the Tascam DA88 standard pinout.
- Link In and Out jacks are standard 1/4" tip- sleeve and are used for connecting multiple AB-8 units together under Single Master Control from the first unit in the chain. The Master Control sections and footswitch controls of all slave units are disconnected. An external control voltage can also be used to activate switching from **A** to **B**. 0 VDC applied to the tip of the LINK IN jack connects **A** channels to **COMMON** and +5 VDC on the tip connects B channels to **COMMON**. Both control voltages are referenced to the sleeve contact of the jack. In this configuration all Master Controls are deactivated.
- Footswitch jack allows Master Manual switching using a standard momentary N.O. footswitch in addition to the **A - B** Buttons on the front panel. The jack is 1/4" tip- sleeve.
- Power IEC inlet connects to incoming AC power with a voltage range of 90- 230 VAC at 50 or 60 Hz.

Pin-out for TASCAM DB25
8 Channel Balanced Connector

+ = Pin 2 = T
- = Pin 3 = R
G = Pin 1 = S

