

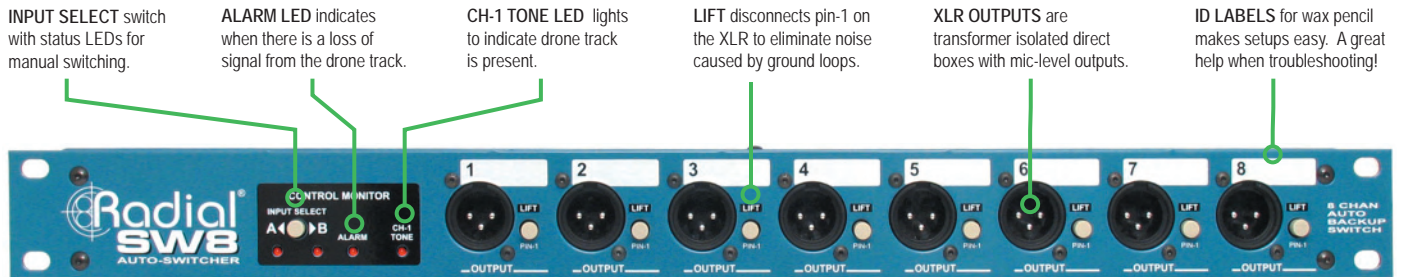
Order No. R800 8100



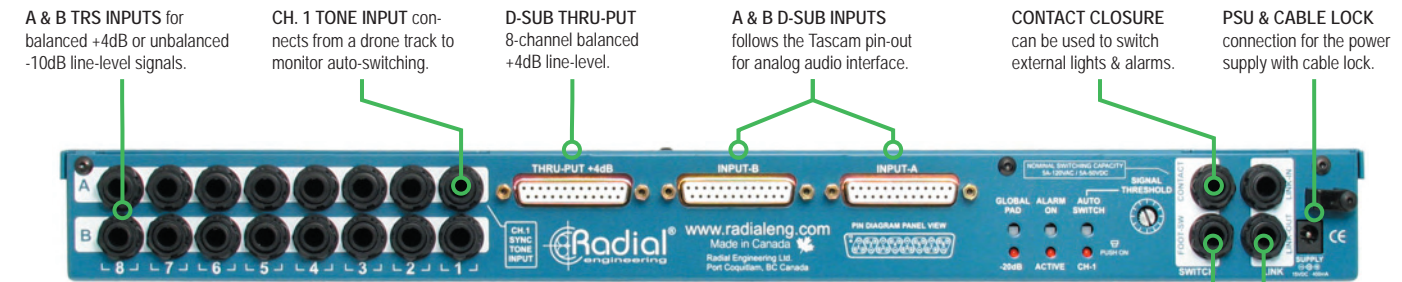
The Radial SW8 is an 8-channel redundant backup switching interface designed for live concert touring and stage shows that employ pre-recorded backing tracks as part of the sound production. The SW8 provides the means to switch to a backup multi-track machine if ever the main unit should suffer a failure. Switching from one multi-track to another is instantaneous and noiseless enabling the show to go on uninterrupted.

The SW8 works by switching two balanced 8-channel line inputs between one 8-channel thru-put. For flexibility, the SW8 thru-puts both line-level and mic-level signals. This makes it easy to interface the SW8 at the mix-position using its line-level thru-put, or on-stage using the transformer isolated XLR direct box outputs to feed mic-level signals to a snake.

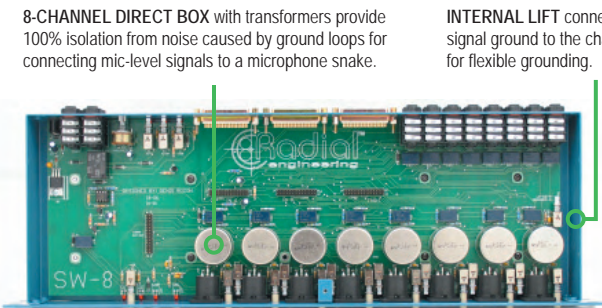
To accommodate larger 16 or 24 track playback, the SW8 is equipped with a link function that allows several units to be slaved together. The SW8 can be manually switched by the front panel AB selector or footswitch. Automatic switching is performed by sensing a pre-recorded drone track from the master multi-track. Should the drone disappear the SW8 will seamlessly switch to the backup multi-track.



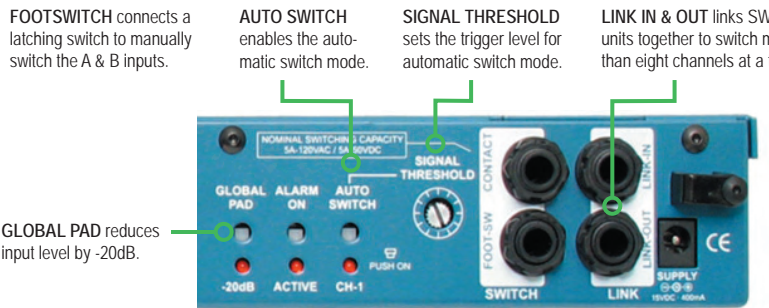
INPUT SELECT switch with status LEDs for manual switching. ALARM LED indicates when there is a loss of signal from the drone track. CH-1 TONE LED lights to indicate drone track is present. LIFT disconnects pin-1 on the XLR to eliminate noise caused by ground loops. XLR OUTPUTS are transformer isolated direct boxes with mic-level outputs. ID LABELS for wax pencil makes setups easy. A great help when troubleshooting!



A & B TRS INPUTS for balanced +4dB or unbalanced -10dB line-level signals. CH. 1 TONE INPUT connects from a drone track to monitor auto-switching. D-SUB THRU-PUT 8-channel balanced +4dB line-level. A & B D-SUB INPUTS follows the Tascam pin-out for analog audio interface. CONTACT CLOSURE can be used to switch external lights & alarms. PSU & CABLE LOCK connection for the power supply with cable lock.



8-CHANNEL DIRECT BOX with transformers provide 100% isolation from noise caused by ground loops for connecting mic-level signals to a microphone snake.

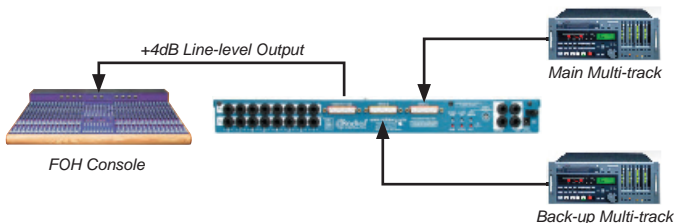


INTERNAL LIFT connects the signal ground to the chassis for flexible grounding. FOOTSWITCH connects a latching switch to manually switch the A & B inputs. AUTO SWITCH enables the automatic switch mode. SIGNAL THRESHOLD sets the trigger level for automatic switch mode. LINK IN & OUT links SW8 units together to switch more than eight channels at a time. GLOBAL PAD reduces input level by -20dB.

Detail of rear panel controls.

SW8 at Front of House Position

Multi-track machines connect to the SW8 using either the 25-pin D-Sub or 1/4" Phone inputs. When the SW8 is located at the FOH mix-position the 25-pin D-sub THRU-PUT connector provides a direct balanced line-level feed from the multi-track to the console.



SW8 On-stage

When the SW8 is located on-stage the eight, transformer isolated, XLR direct box outputs are used to connect to the snake systems.

