

Order No. R800 8101 00

The SW8-USB is the complete solution for performances that utilize redundant playback systems for backing tracks, combining two built-in high performance USB interfaces with an auto-switching feature that detects dropouts and effortlessly switches to the backup computer in an instant. Dual USB inputs with separate 24bit/192kHz converters allow two computers to be connected in tandem, so digital workstations on both machines can connect to the SW8-USB as an audio and MIDI interface. Start/stop synchronization is also possible between both computers through MTC, ensuring flawless switching between playback rigs with less equipment than ever.



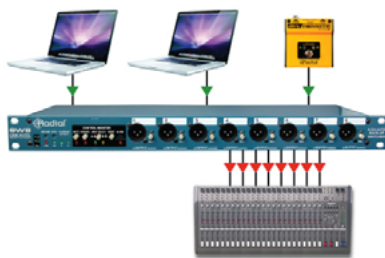
- Switch between redundant playback systems
- Two USB inputs eliminates the need for additional audio interfaces
- Manual or seamless automatic switching
- Line level or transformer-isolated mic level outputs
- Synchronize both playback systems using MTC



- 1. PSU A/B:** Dual LEDs indicate that the unit is receiving power from each power supply. Only one connection is required - the other is provided for redundancy.
- 2. MIC/LINE:** Toggles the front panel XLRs between transformer-isolated mic-level, or line-level outputs.
- 3. AUTO:** Toggle between manual control or Auto-Switch mode where the SW8-USB will automatically select the B inputs should a fault be detected on the A side.
- 4. PLAYBACK ACTIVITY:** Dual LEDs indicate whether the SW8-USB is receiving MTC or tone via SPDIF.
- 5. MUTE:** Latching switch to mute the analog XLR outputs, while still allowing signal to pass through the DB25 and TRS outputs on the rear panel, for local signal monitoring.
- 6. STANDBY:** Latching switch directs the unit to hold on input A when in Auto-Switch mode, regardless of whether MTC or tone via SPDIF is being received.
- 7. INPUT SELECT:** Latching switch allows you to select between the USB inputs.
- 8. RESET:** This momentary switch is used to switch back to the A inputs after a fault is detected.
- 9. ALARM:** LED illuminates when a fault is detected on the primary playback computer (A), showing that the SW8-USB is now playing from the backup computer (B).
- 10. XLR OUTPUTS:** Analog audio outputs playback from your primary or backup computer, at mic-level or line-level, depending on your selected settings.
- 11. GROUND LIFT:** Lifts pin-1 on the XLR output to help eliminate hum and buzz from ground loops.



- 12. PSU A & B INPUTS:** Connections for locking 4-pin power supplies (included). The PSUs are switching supplies, allowing for easy international usage.
- 13. MIDI IN/OUT:** MIDI In jack allows you to trigger playback on both the primary and backup computers at once using an external MIDI controller. MIDI Out jack allows for MIDI information to be sent to external devices via the actively selected computer.
- 14. SYNC LOCK:** When engaged, this switch makes it possible to synchronize playback between the two computers via MIDI. Disengaging the switch assigns simultaneous playback to an external MIDI controller or a footswitch.
- 15. USB A & B:** Type-B USB connections to directly connect your primary and backup playback computers for up to eight channels of analog audio playback per SW8-USB. Compatible with Mac OS only, featuring 192kHz/24bit converters.
- 16. AUTO-SWITCH INPUT:** Selects whether Tone via SPDIF or MTC is used for the auto-switch inputs of the SW8-USB.
- 17. START/STOP:** 1/4" TRS connection allows you to send stop/start MMC signals to your computers to control playback.
- 18. DB25 OUTPUTS:** Always active, line-level outputs, over a DB25 multipin connection. Output will mirror the output of the front panel XLR outputs.
- 19. 1/4" TRS OUTPUTS:** Always active, balanced line-level output jacks, wired in parallel with the DB25 monitor outputs.
- 20. JR-2 FOOTSWITCH INPUTS:** XLR and 1/4" TRS connections allow the optional JR-2 remote footswitch to control the switching and Standby functions. Standard 1/4" TS footswitches and MIDI controllers with switching outputs can also be used to select between the primary and backup computers.
- 21. ALARM:** 1/4" TS connection which can be used to turn on an external beacon when a dropout is detected. This output can also be used to link multiple SW8-USB units together simultaneously.



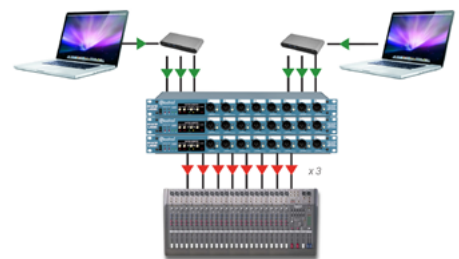
Connecting redundant playback computers

The SW8-USB connects directly to your primary and backup computers over USB, eliminating the need for bulky and expensive audio interfaces. Connect the balanced analog outputs to the PA system and engage the auto-switch mode to instantly switch to the backup system should an error occur. An optional JR-2 footswitch can be employed to manually switch between the inputs or put the SW8-USB into standby mode between songs.



Link multiple devices for up to 24 channels of playback

Up to three SW8-USB units can be connected at the same time, providing 24 channels of redundant playback for larger setups. Connect each SW8-USB directly to your primary and backup computers, and link all three with TRS cables so they switch over simultaneously.



Link multiple SW8-USBs through a Thunderbolt hub

SW8-USB units can be linked for up to 24 channels of playback tracks. To accomplish this with only a single connection to each computer, connect all three SW8-USB units to a Thunderbolt-equipped hub to provide a suitable transfer speed for all three units to operate simultaneously.