

## USER GUIDE

# SW-21

### AB/Y Switcher Signal Routing Box

Thanks for purchasing the Nady SW-21 AB/Y Switcher Signal Routing Box. The SW-21 is a useful compact signal routing box. A/B-Y switching works two ways: (1) it enables routing a common source signal (guitar, bass or keyboard) between two amplifiers or amp channels or to both amps simultaneously, and (2) it allows selecting between two source signals (e.g., two different guitars) into the same amplifier or to use both sources simultaneously. Two LEDs indicate whether A, B or Y routing has been selected. The Y routing combines both the A and B outputs in parallel so, for example, two amplifiers can be driven at once or combines two source signals so that two guitars can be used simultaneously. The SW-21 provides full A/B-Y switching functionality, plus two Parallel in/out jacks.

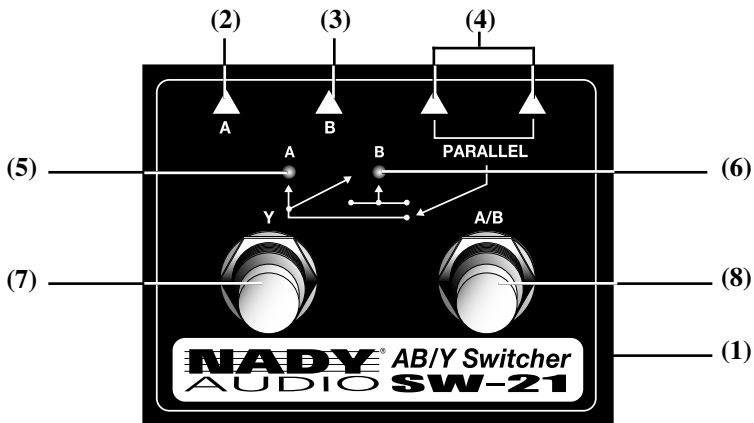
Connecting source signals and amp inputs in parallel can affect audio levels and might require readjusting your volume controls.



### FEATURES

- Switches a signal between two different targets (e.g., amp A or B)
- Directs a signal to two targets simultaneously.
- Switches between one of two different source signals sent to one target
- Barely audible low switching noise
- Combines two source signals in parallel switched between two different targets
- Combines two source signals in parallel directed to two targets simultaneously.
- No bleed-through between channels
- LEDs indicate all signal routing selected
- Unplugging from jacks labeled "PARALLEL" turns off 9V battery

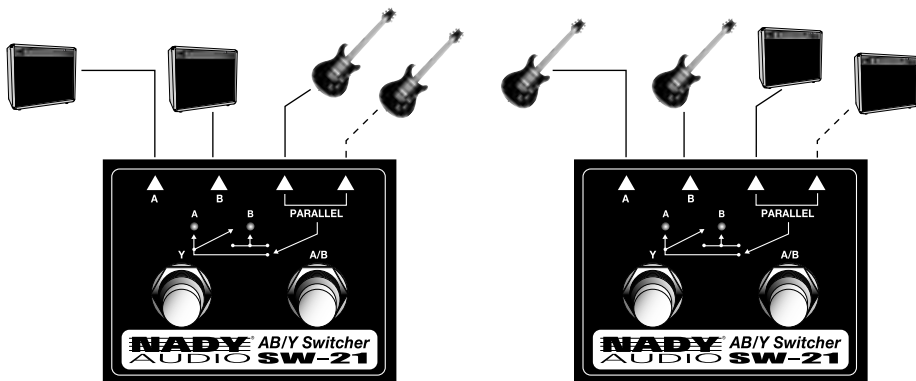
### CONNECTIONS & OPERATIONS



(1) 9VDC Battery Compartment — Battery only functions to power LED indicators and unit can operate without the LEDs. Change battery when LEDs become dim.

(2) "A" Input/Output — 1/4" TS jack

- (3) "B" Input/Output — 1/4" TS jack
- (4) Y Parallel Input/Output — 1/4" TS jacks
- (5) "A" Selected LED Indicator
- (6) "B" Selected LED Indicator
- 7) "Y" Selected Switch — When activated, both "A" and "B" LED indicators light (if fresh battery installed) and "A" and "B" jacks are connected to both "PARALLEL" jacks.
- 8) "A/B" Selected Switch — When activated, "PARALLEL" jacks are alternately connected to "A" or "B" jack, and appropriate "A" or "B" LED indicator lights (if fresh battery installed).



- Switch between two amps or send to both amps simultaneously
- Switch between two guitars or use both guitars sent to one amp
- Combine 2 guitars or source signals
- Send to 2 amps

## SPECIFICATIONS

Input/Output Connections:..... 2 x 2 1/4" unbalanced jacks  
 Maximum Switching Current Rating:.....3A  
 Power Input:..... 9VDC Battery, used for the LED's only — actual switching is operational with no batteries  
 Battery Life:.....up to 140 hours  
 Case:..... Heavy-duty all metal construction  
 Indicators: ..... 2 Green LEDs (Signal path/Mode indication)  
 Dimensions (WxDxH): ..... 3.74" x 2.87" x 1.57" (95 x 73 x 40mm)  
 Weight: ... 0.74 lbs (336 g)

## SERVICE

(U.S.) Should your Nady SW-21 Switcher Signal Routing Box require service, please contact the Nady Customer Service Department via telephone: (510) 652-2411 or e-mail: [service@nady.com](mailto:service@nady.com).

(INTERNATIONAL) For service, please contact the Nady distributor in your country through the dealer from whom you purchased this product. The warranty card supplied with this system provides valuable warranty and service information. Store it in a safe place for future reference. Do not attempt to service this unit yourself as it will void your warranty.



## NADY SYSTEMS, Inc.

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