



On Stage
with
the Best

TradeTools™ Panic Button

MICROPHONE A/B AND MUTING SWITCH



BACK OF UNIT

FEATURES:

- » Selectable as an A/B, a momentary press-to-mute, momentary press-to-talk or latching microphone muting switch
- » For use with both dynamic and condenser microphones
- » A/B switch also allows unit to be used as a FOH muting switch
- » Gain and ground lift controls
- » Status indicator light
- » Connects with standard microphone cables
- » Includes AC power supply

DESCRIPTION:

The Pro Co **Panic Button** Microphone A/B and Muting Switch is an active microphone signal routing device that offers clean reliable performance with any balanced or floating low-impedance (150 ohm nominal) microphone or signal source. The foot-operated pedal allows a singer or speaker to reroute the microphone signal from Output A to Output B. The Panic Button may also be set to operate as a momentary push-to-talk, momentary push-to-mute, or latching microphone muting switch. The Panic Button is ideally suited for praise ministers, speakers and professional instrumentalists who need to communicate with their roadies (especially singing drummers and guitarists).

To change the routing of the microphone signal in the A/B operating mode, the user simply depresses and actuates the switch. The microphone signal path can be routed between Output A (front of house) and Output B (stage monitors or personal roadie). If the input signal is from a condenser microphone that is phantom-powered from the FOH mixer, the phantom continues to power the mic as it is routed to Output B. There is no "pop" switching between channels. A gain pot is located in the battery compartment that controls the level of Output B. If the battery in the Panic Button dies, the circuit automatically reverts to Channel A.

Dip switches, located in the battery compartment, are used to select the desired Panic Button modes of operation from A/B switch to muting switch, momentary push-to-talk, momentary push-to-mute to latching. To change the route or condition of the microphone signal, the user simply depresses and actuates the switch. In momentary mode, the condition will change when the

switch is pressed and will revert to its original condition once the switch has been released. In latching mode, the signal condition will change when the switch is pressed and actuated. It will remain in that condition until the switch is depressed and actuated again. The switch on the Panic Button may either be actuated by hand or the unit may be used as a footswitch.

The status indicator light displays the condition of the microphone signal regardless of the selected mode of operation. When the light shows green, it indicates that the microphone is "on" or routed to Output A. Red indicates that the microphone is muted or "off" or that the signal is routed to Output B. Connections between the Power Mute and the microphone or signal source and to the sound system are made with standard microphone cables.

A female XLR-type connector is provided for Mic Input and Male XLR-type connectors are provided for Outputs A and B. A mini toggle ON/OFF switch is provided and the unit features a tool-free-access battery compartment. The Panic Button may be operated with a 9V battery or with the 9V AC power supply provided. The Power Mute enclosure is formed of a 16-gauge steel top and a rugged 11-gauge, black epoxy painted steel base. Steel provides excellent magnetic shielding from 60Hz AC hum fields. All control and connector function graphics are identified on a textured polycarbonate overlay. The enclosure is with (4) non-conductive, anti-skid feet on the base of the unit. Top-quality connectors and switches provide trouble-free service even in abusive situations such as remote broadcast and recording operations.

CONTROLS:

- MIC INPUT:** Female 3-pin XLR-type connector accepts input from any balanced or floating low impedance (150 ohm nominal) microphone or similar signal source.
- OUTPUT A/B:** Male 3-pin XLR-type connector provides output to sound system inputs.
- ON/OFF:** Mini toggle switch turns power to unit on and off.
- +9V:** Receptacle for 3.5mm plug of AC power supply.
- ACTIVATION SWITCH:** Switch selects the route or condition of the microphone signal. In A/B mode it selects between Outputs A and B, and in Mute mode it will either mute the signal or allow it to pass to the output.
- STATUS LIGHT:** Color of light indicates path of microphone signal. Green light indicates microphone is routed to Output A. Red light indicates microphone is routed to Output B (in A/B mode) or that the signal is muted (in Mute mode).
- DIP SWITCHES:** A set of four dip switches allow selection between latching/momentary latch action, push-to-talk/push-to-mute push button action, mute/A-B mode, and ground/lift

DIP SWITCH SETTINGS:

1. Latch Action (LCH)

- Latching
- Momentary

2. Push Action (PUSH)

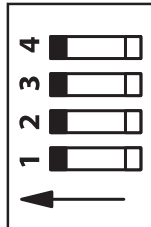
- Push To Talk (A)
- Push To Mute (B)

3. Mode (MODE)

- Mute
- A-B

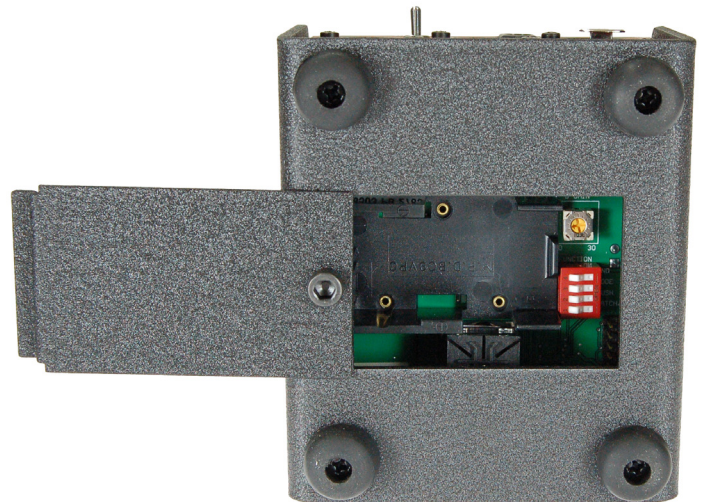
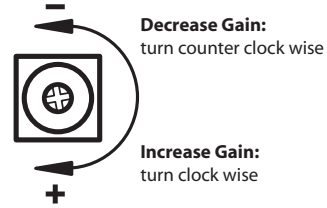
4. Ground Lift

- Ground
- Lift



GAIN CONTROL: A mini gain pot is located in the battery compartment. This control affects the gain of Output B. Clockwise rotation of the control increases gain. Counter-clockwise rotation of the control decreases gain.

GAIN ADJUST:



PRO CO MODEL: CDPB Panic Button

DIMENSIONS: 4.062" D x 3.218" W x 2.250" H
 103.2mm D x 81.7mm W x 57.2mm H
WEIGHT: 1.00 lb / .45 kg
SHIPPING WEIGHT: 2.00 lb / .91 kg

