



On  
Stage  
with  
the Best

TradeTools™

# Sign Off

LATCHING MUTING SWITCH



## FEATURES:

- » Noiseless latching microphone muting switch
- » For use with both dynamic and condenser microphones
- » Can be used with both phantom powered mics and balanced mics
- » Passive design requires no batteries or phantom power to operate
- » Can be hand-actuated or used as a footswitch
- » Reliable mechanical switch
- » Connects with standard microphone cables



BACK OF UNIT

## DESCRIPTION:

The Pro Co **Sign Off** Latching Microphone Muting Switch is a simple microphone signal muting device that offers clean reliable performance with any balanced or floating low-impedance (150 ohm nominal) microphone or signal source. The Sign Off is ideally suited for use in broadcast, disc jockey, sports announcing, boardroom, and live entertainment applications when the need to temporarily mute a microphone output is required.

To mute the microphone signal, the user simply depresses and actuates the switch. The Sign Off is a latching muting switch, so the signal will remain muted until the switch is depressed and actuated again. The switch on the Sign Off may either be actuated by hand or the unit may be used as a footswitch.

Connections between the Sign Off 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 a Male XLR-type connector is provided for Direct Out. The Sign Off 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.

# ENGINEERING SPECIFICATIONS:

The microphone signal momentary muting unit shall be suitable for the noiseless muting of any balanced or floating low impedance (150 ohm nominal) microphone or similar signal source. There shall be one (1) 3-pin female XLR-type connector for input from the source. There shall be (1) 3-pin male XLR-type connector for the output. There shall be (1) latching push button switch suitable for either hand or foot operation. The switch shall be single pole, single throw, and used to activate the muting circuit. The muting effect shall be created by connecting pin 2 (H+) and pin 3 (C-) of the output XLR connector as the switch is depressed. This short-circuit condition shall effectively mute the mic output. The muting effect shall be removed by depressing the switch a second time and removing the short-circuit condition between pin 2 and pin 3. The unit shall be wired to allow noiseless operation with no significant signal degradation.

The enclosure shall be constructed of a 16-gauge steel top and a black epoxy texture painted 11-gauge steel base. The control and connector functions shall be identified by a textured polycarbonate adhesive overlay that is fixed to the top. The top of the unit shall slope from rear to front. The enclosure shall be provided with (4) four nonconductive, non-skid feet on the base of the unit. The dimensions of the unit shall be approximately 4.062" L x 3.218" W x 1.687" H at the front sloping up to 2.250" H at the rear of the unit. (103.2mm L x 81.7mm W x 42.8/57.2mm H).

The microphone signal momentary muting unit shall be a Pro Co Sign Off.

## 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.

**ACTIVATION SWITCH:** Latching, SPST (single pole, single throw) switch shorts pin 2 and pin 3 of the XLR connectors together to produce the muting effect.

**DIRECT OUT:** Male 3-pin XLR-type connector provides output to sound system input.

**PRO CO MODEL: Sign Off**

**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

## Other TradeTools™ Products from Pro Co

- AV1B Audio/Video Interface Unit
- AVP1 Wallplate Format Audio/Video Interface Unit
- AVP1V Wallplate Format Audio/Video Interface Unit with Input Level Control
- CB1 Direct Box
- DB1 Professional Direct Box
- DB2 Professional Stereo Direct Box
- DB4A Rackmount Quad Direct Box
- DBA1 Professional Active Direct Box
- HJ4P Professional Stereo headphone Junction Box
- HJ6 Headphone Junction Box
- iFace Portable Audio Player Interface
- iGate Universal Audio Gateway
- iPlate Wallplate Format Portable Audio Player Interface
- iRack Rackmount Portable Audio Player Interface
- IT1 Isolation Transformer Unit
- IT4A Rackmount Quad Isolation Transformer Unit
- IT8A Rackmount 8-ch. Isolation Transformer Unit
- LS82 Rackmount 8-ch. 1:2 Line Level Splitter

- MC2 Microphone Combiner
  - MS2 1:2 Microphone Splitter
  - MS3 1:3 Microphone Splitter
  - MS42A Rackmount Quad 1:2 Microphone Splitter
  - MS43A Rackmount Quad 1:3 Microphone Splitter
  - MS82 Rackmount 8-ch. 1:2 Microphone Splitter
  - MS82P Rackmount 8-ch. 1:2 Phantom Power Microphone Splitter
  - MS83 Rackmount 8-ch. 1:3 Microphone Splitter
  - MS83P Rackmount 8-ch. 1:3 Phantom Power Microphone Splitter
  - Panic Button Multi-mode Mic A/B & Muting Unit
  - Power Mute Multi-Mode Mic Muting Switch
  - Short Stop Momentary Press-to-Mute Mic Switch
  - Sign Off Latching Mic Muting Switch
  - SAS1 Sports Announcer's Switch (Press-to-Talk)
  - SAS2 Sports Announcer's Switch (Press-to-Talk) with Gooseneck
  - SAS3 Sports Announcer's Switch (Press-to-Talk) with wired Gooseneck
  - Switch Witch Rackmount 4-ch. Powered Monitor Selector
- ... plus our full line of audio cabling, snakes!**