

## FEATURES:

- » Sturdy, noiseless push-to-talk switch
- » Can be used with both dynamic and condenser microphones
- » Passive design requires no batteries or phantom power to operate
- » Connects with standard microphone cables
- » Ideal for sporting event announcers



BACK OF UNIT

## DESCRIPTION:

The Pro Co SAS1 Sports Announcer's Switch is a simple, rugged, desktop push-to-talk microphone switch designed specifically for sporting event announcers. This microphone signal actuating device offers clean reliable performance with any balanced or floating low-impedance (150 ohm nominal) microphone or signal source. SAS1 is designed for use with either condenser-type or dynamic microphones. The SAS1 is ideally suited for use in sports event announcing applications but is equally suitable for any application where a desktop push-to-talk device is required. The SAS1 is backed by Pro Co's five-year, any excuse - even abuse warranty.

To pass the microphone signal to the sound system, the user simply depresses and holds down the push-to-talk button on the SAS1. The SAS1 is a momentary press-to-talk switch, so the switch will need to remain depressed for as long as the user requires the signal to be "live". Releasing the switch will mute the microphone and prevent the signal from continuing to the sound system.

Connections between the SAS1 and the microphone or signal source and to the sound system are made with standard microphone cables. SAS1 is intended for use with hand-held, desktop stand-mounted and headset mounted microphones.

A female XLR-type connector is provided for Mic Input and a Male XLR-type connector is provided for Mic Output. The SAS1 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 push-to-talk 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. The unit shall be suitable for the use of condenser microphones and dynamic microphones. There shall be (1) momentary push button switch suitable for either hand or foot operation. The switch shall be single pole, single throw, and used to allow the microphone signal to pass from input to output. The muting circuit shall consist of a normally closed switch that connects pin 2 to pin 3, effectively muting the microphone signal. Opening the switch removes the "short" between pins 2 and 3 and allows the microphone signal to pass to the output. The electronic components shall be wired to provide adequate pop suppression and sufficient bypass impedance, 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 7.00" W x 4.00" D x 1.687" H at the front sloping up to 2.380" H at the rear of the unit. (177.8 mm W x 101.6 mm D x 42.8/60.5 mm H).

The microphone signal momentary push-to-talk unit shall be a Pro Co Sports Announcer Switch 1 (SAS1).

# 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.

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

**ACTIVATION SWITCH:** Momentary, SPST (single pole, single throw) switch shorts pin 2 and pin 3 of the XLR connectors together to produce the muting effect. Depressing the switch momentarily removes the short and allows the microphone signal to pass to the output. The signal can pass as long as the switch remains depressed.

**PRO CO MODEL: SAS1**

DIMENSIONS..... 7.00" W x 4.00" D x 2.38" H  
 177.8 mm W x 101.6 mm D x 60.5mm H  
 WEIGHT.....2.00 lb  
 .92 kg  
 SHIPPING WEIGHT.....2.50 lb  
 1.38 kg

## Other TradeTools™ Mic Muting and Switching Products from Pro Co

- CDPB "Panic Button" Microphone A/B Switch
- CDPM "Power Mute" Selectable Momentary or Latching Switch
- CDSO "Sign Off" Latching Mic On/Mic Off Switch
- CDSS "Short Stop" Momentary Microphone Muting Switch
- SAS1 "Sports Announcer's Switch" Push-to-Talk Mic Switch
- SAS2 "Sports Announcer's Switch" with Gooseneck
- SAS3 "Sports Announcer's Switch" with Wired Gooseneck

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