ATS1L / ATS1LP

TABLE STAND WITH PROGRAMMABLE SWITCH & LOGIC

OVERVIEW:

The ATS1L shock absorbent table stand is designed for professional audio installations. It is designed for use with phantom powered gooseneck condenser microphones such as the Audix ADX Series, MG Series and MicroPod.

The ATS1L features a heavy duty die cast base, noise free on-off switch, LED indicator, 3 pin XLR input connector (for Mic), 5 pin XLR output connector and 5 pin Pheonix connector. The ATS1L features programmable switch functions.

Applications for ATS1L include podium, lectern, video conferences, classrooms, courtrooms and boardrooms.

OPERATION: [Refer to figures below]

Connecting the gooseneck microphone:
Align the XLR pins of the microphone to the XLR pins on top of the base. Gently push down until the connectors "click" into place [Figure 1].

Removing the microphone: Press the tab on the top of the base to release the internal locking tab allowing the microphone to be easily pulled out of the connector [Figure 2].

Connecting Audio and Logic:
ATS1L - (5 pin XLR) Use a balanced microphone cable to plug the 5 pin XLRf connector into the 5 pin XLRm connector on the back side of the ATS1L base until it "clicks" into place. To disconnect the cable, press the tab on the microphone cable XLRf connector and pull the cable out [Figure 3].

ATS1LP - Comes with 5 terminal Phoenix connector and mating block. This allows installer to use custom length wire and terminate leads directly to terminal block. No soldering involved. [Figure 4].
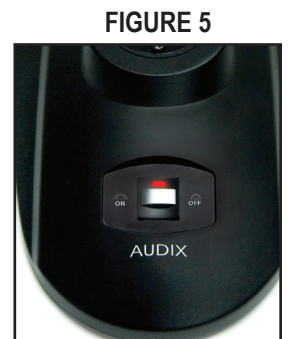
FEATURES:

Heavy duty die cast base for stability
Programmable switch with momentary and latching options
Hidden dip switches
Bass roll-off filter
LED indicator lights operate on phantom power
Noise free mechanical switch
Operates on phantom power voltage of 30-52 volts
3 pin XLR input connector designed for gooseneck
    condenser microphones
5 pin XLR connector for output
Optional Phoenix terminal connector for output (ATS1LP)
Local/ remote option allows use with automated mixers
External LED control allows for live status of the microphone
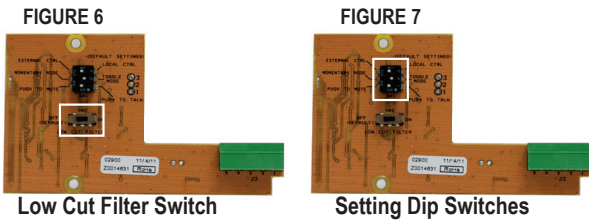Shock mount design minimizes vibration

Pin Out configuration for 5 pin XLR and Phoenix terminal connector:

Pin 1	Ground
Pin 2	Audio +
Pin 3	Audio -
Pin 4	Contact Closure
Pin 5	LED Input

FIGURE 1	FIGURE 2	FIGURE 3	FIGURE 4	FIGURE 5

ATS SERIES

SPECIFICATIONS:

Input connector:	3 pin XLRF-type
Output connector:	5 pin XLRM-type
Switch:	Noise free mechanical
Off (mute) attenuation:	45 dB minimum
Phantom power requirements:	30 - 52V DC, 2mA typical
Dimensions:	160 mm / 6.9 inches length
	124 mm/ 5.9 inches width
	45 mm / 1.8 inches height
Weight:	1.4kg / 3 lbs

LOGIC CONNECTIONS:

Closure I/O voltage:	-0.5V to 30 V
Closure through current:	200 mA
	(resettable fuse protected)
On resistance:	> 10 Ohms
I/O leakage current :	1 uA
LED input:	Active when low (0.7V DC),
	TTL compatible

ATS1L / ATS1LP BASE:

ATS1L   ATS1LP

FIGURE 6   FIGURE 7

Low Cut Filter Switch   Setting Dip Switches

Setting Dip Switch - Low Cut Filter
Inside the base, locate the switch on the PCB labeled "Low Cut Filter" [Figure 6]. The filter (12dB, 2nd order) provides additional protection from bass frequencies that may cause rumble, hum, or vibration by eliminating frequencies below 100 Hz. To engage the filter, push the dip switch to the "on" position.

Setting Dip Switches - On, Off, Mute
Inside the base, locate the panel of 3 dip switches on the PCB [Figure 7]. The top switch determines whether the control of the switch is handled externally by logic or locally by the user. The default is "local". The other two sets of switches control the function of the lighted switch on the front of the base [Figure 7].

The options are:
1: "Momentary" hold to talk or hold to mute.
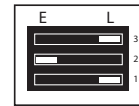2: "Toggle" (also known as "latching") push on and push off. There are 4 switch function combinations as follows:

SWITCH FUNCTION (Local Mode)   **DIP SWITCH SETTING**

1. Momentary Mute: Mic is on; switch is pressed and held to mute.

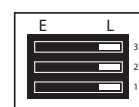**2. Momentary Talk:** Mic is off; switch is pressed and held to talk.

3. Toggle Off: Mic is on; switch is pressed to turn the mic off and on

4. **Toggle On:** Mic is off; switch is pressed to turn the mic on and off

SWITCH FUNCTION (External Mode)
By setting the dip switch (#3) to the "E" position, the audio function can be controlled remotely by an automated mixer. In this case, the function of the switch at the base can be programmed by the installer for custom applications.

***All specifications subject to change without notice.

SERVICE AND WARRANTY:
The ATS1 is under warranty for a period of 1 year from any and all manufacturing defects. Should your ATS1 fail in any way, please contact the Audix service department at 503-682-6933. A return authorization number is required before returning any products.

AUDIX WARRANTY REGISTRATION FORM

Name:_____ Model:_____
Company:_____ Serial Number:_____
Address:_____ Store:_____
City:_____ Store Location:_____
Prov./State:_____ Zip:_____ Purchase Date:_____
Phone: (   )_____ Signature:_____
Email:_____ Date:_____

 Please register your product online at www.audixusa.com or mail this form to:
Audix Microphones ATTN: WARRANTY P.O. Box 4010 Wilsonville, OR 97070

Please Check all that apply:
☐Male ☐Female

Age:	Occupation:	Primary Instruments:	Product to be used for:
☐ 18 or Under	☐Musician	☐ Vocal	☐ Pro live sound
☐ 19-25	☐Producer	☐ Guitar	☐ Pro recording
☐ 26-35	☐Sound Eng.	☐ Drums	☐ Home recording
☐ 36-45	☐Radio/TV	☐ Keyboard	☐ Rehearsal
☐ 46-55	☐Production	☐ Brass	☐ Installation
☐ 55 +	☐Other _____	☐ Woodwinds	☐ School
		☐ Strings	☐ House of Worship

How did you hear about Audix?   ☐ Other _____   ☐ Other _____
☐Magazine Ad   ☐Online Ad
☐On-line Store   ☐ Friend   Do you own other Audix Products? ☐Yes ☐No
☐Salesman   ☐ Other _____   Model(s) _____
                                          Have you visited the Audix website? ☐Yes   ☐No