



Pro Intercom LLC

Intercom for Sound, Lighting and Production Professionals



## LS3 Series “Smart” Talkback Loudspeaker Stations

- ✓ Performance
- ✓ Durability
- ✓ Value
- ✓ Compatibility

**LS3T shown. Also available as flush mount (LS3), rack-mount (LS3R) and multi-circuit versions (LS3M, LS3MT & LS3MR). Mic not included.**

**Performance:** LS3 series Talkback Loudspeaker Stations operate in three different modes: 1) press-to-talk/release-to-listen, using the loudspeaker as both microphone and speaker; 2) Simultaneous talk and listen [full duplex] when a noise-canceling gooseneck microphone is plugged into the front panel, and; 3) as a headset or handset station when either is plugged into the front panel XLR. **Caution: When the LS3 is used in its press-to-talk, release-to-listen mode, locating 2 units close together will result in feedback.** Modes 2 and 3 are invoked automatically when the unit senses the presence of the gooseneck microphone, headset, or handset. No switching is required. A 3 Watt audio amplifier and quality loudspeaker provide highly intelligible, full-range reproduction. Front panel controls provide for turning the microphone on or off (the gooseneck microphone or the microphone in the headset/handset); a volume control which regulates the level of the loudspeaker or in the earpiece in the headset/handset; a combination signal lamp/signal button; a 3-position off-listen-talk switch; a recessed control for setting the level of the gooseneck microphone to be heard in the loudspeaker (sidetone); a recessed control for setting the loudspeaker volume in ‘override’ mode, and; an LED to indicate when ‘override’ has been remotely activated. **LS3 stations include unique circuitry which permits the front panel controls to be overridden from a remote source when the remote source is fitted with an override generator card (standard in MS300 & MS301 Master Stations).** Volume can be restored, and the LS3 switched from *Off* to *Talk* or *Listen*. Typically this feature is used to restore volume at an LS3 in a remote location where it may have been turned down or off, but other combinations are also possible. The override mode is set up by removing links on the PC board except for the volume level which is established by setting the front panel recessed control marked Override.

**Durability:** The heavy aluminum front plate resists bending and twisting. The lever switches are of best American manufacture. The signal lamp button is Swiss made and rated for millions of cycles. The ‘T’ backbox is heavy gauge steel.

**Value:** Multi-mode capability, full-duplex, hands-free operation (without feedback) and a unique override facility all come at a price equivalent to ordinary loudspeaker stations.

**Compatibility:** LS3’s are compatible with Clear-Com® and other popular (200Ω unbalanced) party-line headset intercom systems. **Override capability is limited to operation within a Pro Intercom system.**

**Technical specifications:** (Subject to change without notice)

Power required: 24~30 VDC, 40~160 mA (depending upon volume level)

Microphone: 200 ~ 600Ω unbalanced dynamic

Audio Output: Speaker - 3W max. 96dB SPL at 1 m.

Headset: 200 to 400Ω

Line Bridging Impedance: Audio - 200Ω, DC - 5KΩ

Size: (LS3 Only) [W x H x D] 11.6x4.55x1.8 in. (295x116x46mm.)

Weight: 1.25 lbs. (.7 kg)

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