



## Talkback Loudspeaker Stations

**Performance:** LS-3 series Talkback Loudspeaker Stations operate in three different modes: 1) press-to-talk/release-to-listen, using the loudspeaker as both microphone and speaker [as shown in the photo above] ; 2) Simultaneous talk and listen [full duplex] when an LSM-1 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. Modes 2 and 3 are invoked automatically when the unit senses the presence of the 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 the earspeaker 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. LS-3 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 OG904 override generator card. Volume can be turned up or down, and the LS-3 switched from *Off* to *Talk* or *Listen*. Typically this feature is used to restore volume at an LS-3 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.

**Other versions:** Pictured is the LS-3T which includes a back box and may be used on a table-top or be surface mounted on a wall via its rear panel key-hole slots. The unit is also available as a plain LS-3, without the back box, for surface mounting in a 6-gang *masonry* electrical box. A 19" rack-mount version is referred to as an LS-3R. All three versions are also available with a rotary switch for selecting one to nine different circuits. These are the LS-3M, LS-3MT & LS-3MR.



**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.

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

**Compatibility:** LS-3's are compatible with Clear-Com<sup>®</sup> and other popular headset intercom systems. Override capability is limited to operation within a Production Intercom system.

**Technical specifications:** (Subject to change without notice)  
 Power required: 24-30 VDC, 40-160 mA  
 (depending upon volume level)  
 Microphone: 200 ~ 600  $\Omega$  unbalanced  
 Audio Output: Speaker - 3W max. 96dB SPL at 1 m.

Headset - 8 to 4K  $\Omega$   
 Line Bridging Impedance: Audio - 200 $\Omega$ , DC - 5K $\Omega$   
 Size: (LS-3 Only) [W x H x D] 11.6x4.55x1.8 in.  
 (294.6x115.6x45.7 mm.)  
 Weight: 1.25 lbs. (.7 Kg)

### Production Intercom Inc.

P.O. Box 3247, Barrington, IL 60011-3247  
 Voice: (847) 381-5350 Fax: (847) 381-4360 Sales & Technical Assistance (US & Can): (800) 562-5872  
 e-mail: info@beltpack.com Web: beltpack.com