



LS211F



LS411T

## Features

The LS200, 400 and 600 series of paging loudspeaker stations bring paging or listen-only capability to the Tecpro Communications System. They permit the construction of systems where paging can be added for just the cost of the LS units. There could be no amplifier to purchase at all. This is because they appear to the intercom system just like any other outstation. Each LS unit contains its own power amplifier, receiving its DC power from the system master via the comms line wiring. For example, a system could be constructed using an MS741 Master Station, where two-way communications took place on circuit A, while circuit B was used as a paging circuit.

Other applications benefit from the 'override' system. This can be used to turn a loudspeaker on at a set volume, or alternatively to mute it if the preset 'override' volume level is set to minimum. Paging systems using Tecpro loudspeaker stations allow microphones or two-way outstations to be added anywhere in the paging circuit at a later date, providing great system flexibility.

Versions available:

- LS211 Single circuit with front panel volume control and override to preset level
- LS411 Single circuit with front panel volume control
- LS611 Single circuit with screwdriver preset volume control
- LS319FB Flushmount steel back box for LS211F, LS411F and LS611F (accepts self-tap screws for mounting LS-F unit (supplied with LS-F unit).

Suffix F for flushmount  
Suffix T for table/surface mount.

- Paging and talkback functions can be combined in a single system
- Override function allows remote volume restoration
- Headset socket: mutes loudspeaker when in use
- Flush or surface mounting, built-in, hung on a wall or used on a table top
- Easy individual setting of loudspeaker volume
- XLR 3 pin interconnection on table/surface mount versions, compatible with standard microphone extension cables
- Screw terminal plug and socket for easy installation and servicing on flushmount versions
- Up to 3 watt output - 96dB SPL at 1m

## The Tecpro Communication System

Tecpro is a 'two wire' or, as it is sometimes known, 'party-line' or 'ring' system which enables a number of people to take part in the same conversation. Each participant can hear all other participants on the same circuit while being able to talk to them simultaneously, so a full 'duplex' conversation can take place – similar to a telephone system.

The major applications for these systems are in the theatre, conference, live performance and broadcast markets, though new applications are constantly emerging.

A basic Tecpro communication system would comprise a power supply and two or more outstations or beltpacks. An outstation may be wall mounted, free-standing or mounted in a rack. It will usually have a built-in loudspeaker and possibly a microphone. Beltpacks are intended for personal use and work only with a headset. Outstations and beltpacks connect together with two core screened microphone cable which carries system power, audio, and various control signals. Most have a 3-pin XLR input and output and can be simply daisy-chained together. Alternatively interconnection can radiate out from a central, passive splitter. A combination of both methods is often used.

More complex systems can use a master station which has two in-built power supplies and offers two independent communication circuits, A and B, which can be linked if required.



## TECHNICAL SPECIFICATION - LS SERIES PAGING LOUDSPEAKER STATIONS

Power requirements (from system power supply).....Equivalent to 2 to 5 headset stations dependent upon average sound level  
Audio output.....Loudspeakers 3W max, over 96dB SPL at 1m  
Comms line.....Bridging impedance >50k ohm  
Dimensions.....Flushmount – 135 x242mm, min depth 50mm.  
Weight.....0.9kg

### Table/surface mount

Dimensions.....148 x245 x85mm.  
Weight.....9 kg  
Finish.....Metal enclosure with black enamel finish

## OTHER TECPRO PRODUCTS

**MS741 MASTER STATION** - Combined power supply and 2 circuit station  
**ME742 MASTER STATION EXTENDER** - Combined power supply and 2 circuit extender unit  
**MS 745 MASTER STATION** - Basic combined power supply and 2 circuit station  
**PS713 BATTERY POWER UNIT**  
**PS711 3 CIRCUIT POWER SUPPLY**  
**BA905 BOOST ADAPTOR**  
**BP111 BELTPACK HEADSET OUTSTATIONS** - Single circuit  
**BP112 and BP113 BELTPACK HEADSET OUTSTATIONS** - Dual circuit (switchable)  
**BP114 and BP115 BELTPACK HEADSET OUTSTATIONS** - Dual circuit (monaural)  
**BP116 and BP117 BELTPACK HEADSET OUTSTATION** - Dual circuit (binaural)  
**HS120 SERIES HEADSET OUTSTATIONS** - Fixed headset outstations for permanent installations  
**LS300 SERIES TALKBACK LOUDSPEAKER STATIONS**  
**SL909 XENON STROBE LAMP**  
**CONNECTION ACCESSORIES** - Standard cables and special function cables  
**AD903 AUXILLIARY INPUT and OUTPUT ADAPTER** - 2 wire to 4 wire interface  
**AD913 SIMPLEX RADIO ADAPTER**  
**YL916 HEADSET OUTSTATION 'Y' LEAD**  
**SB901 SPLITTER / ISOLATOR BOX**  
**L1906 LINE ISOLATOR**  
**WALLMOUNT CONNECTOR PLATES**

### HEADSETS:

**DMH320** - Dual muff  
**SMH310** - Single muff  
**DMH220** - Dual muff  
**SMH210** - Single muff  
**SMH130** - Lightweight single muff with boom

### HANDSETS:

**HH10** - Telephone handset  
**HH5** - Fist mic

Issue 1  
CANFORD AUDIO PLC  
CROWTHER ROAD  
WASHINGTON  
NE38 0BW  
UK

tel: +44 (0) 191 418 1040  
tecpro@canford.co.uk  
www.canford.co.uk