CANFORD
■ ● ▶ ▶

technical data

HS120 SERIES HEADSET STATIONS

27-121   TECPRO HS121 Fixed headset station, single circuit

1   Connecting the station to the system
HS121 single circuit station - Use 2-core screened cable and connect as shown in diagram (1).
HS122 multi circuit station - Use multi-pair individually screened cable for best performance, (overall screened cable will work but may suffer crosstalk between circuits when used over long distances) and connect as shown in diagram (2).
Wiring instructions for all types should be attached to the station.

2   Basic Operation
Headset Operation - Tecpro, or compatible headsets should be wired as in diagram (3) and plugged into the front panel 4-way XLR connectors.

Controls
Mic ON/OFF - located to the left of the signal light switch, this is a latching key which activates the headset mic to speak to the system. The microphone amplifier gain is factory set to suit most dynamic headset microphones.   It contains a limiter/compressor which prevents system overload. The headset will listen in either position of the MIC ON/OFF switch. The volume control adjusts the headset listen level.

3   Sidetone Adjustment
The level of your voice in your headset is called "sidetone". The required level can be gained by turning the sidetone control with a small screwdriver. It is factory set to suit most applications.

4   Signal Light Operation
The SIGNAL pushbutton illuminates a lamp in the other outstations connected to your circuit. It is used to attract the attention of a user that has a headset removed or volume level turned right down. Signalling to you is shown by illumination of your light.
Note: This signal light capability can be used for other special purposes such as activating transmit to a radio system connected via an AD913 Radio Interface Adaptor.

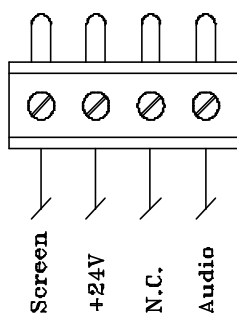### 5   Use with Accessory Microphone
When an LSM1 or equivalent microphone is plugged into the front panel, instead of a headset, the unit becomes a hands-free paging system. In this case the Mic ON/OFF switch activates the plug-in mic.

6   Clear-Com Compatibility
Tecpro stations are completely compatible with Clear-Com stations. Any Tecpro stations added to Clear-Com will function as their Clear-Com equivalents. However, Clear-Com stations have a lower bridging impedance and will degrade a Tecpro system slightly due to a reduction in side-tone stability incurred when a Clear-Com outstation is used in a Tecpro communications system.
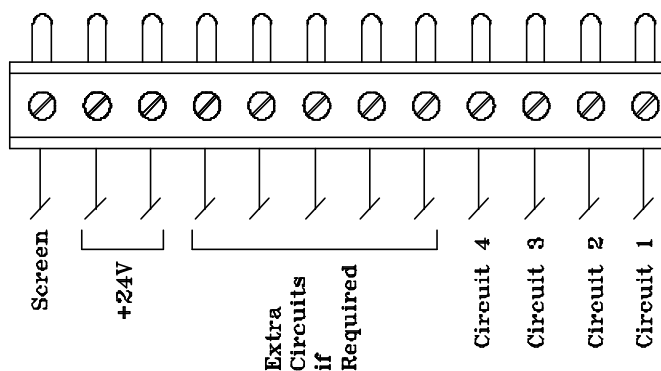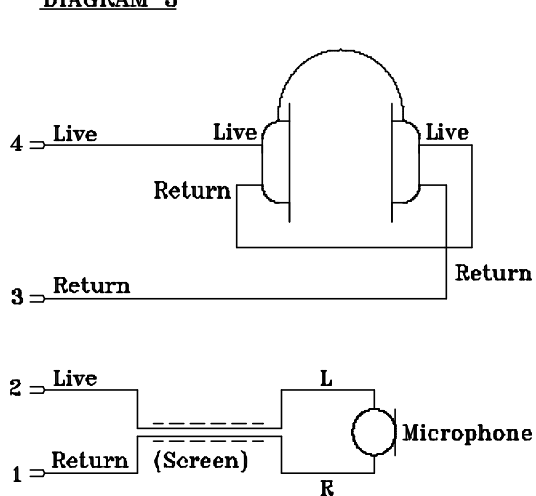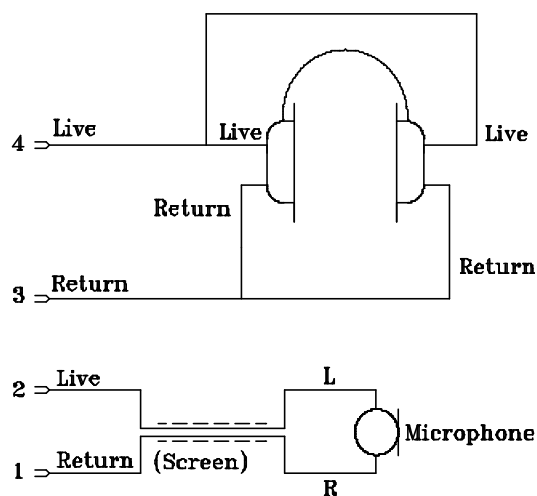
technical data

DIAGRAM 1

Screen | +24V | N.C. | Audio

HS121

DIAGRAM 2

Screen | +24V | Extra Circuits if Required | Circuit 4 | Circuit 3 | Circuit 2 | Circuit 1

HS122

DIAGRAM 3

4 — Live — Live — Live
Return
3 — Return — Return

2 — Live — L
1 — Return — (Screen) — Microphone — R

XLR 4−Pin Connector for Headsets of Impedance less than 100Ω (Per Ear)

4 — Live — Live — Live
Return
3 — Return — Return

2 — Live — L
1 — Return — (Screen) — Microphone — R

XLR 4−Pin Connector for Headsets of Impedance more than 100Ω (Per Ear)

02-120(Issue 3)11/93