# LIU–PA and LIU–PAN (6.3mm) for Connect

## SPECIFICATIONS:

| Limiting: | • 2.8Vpk-pk when sourced from 600 ohms.<br>• For paging applications. |
|---|---|
| Frequency Response | 20Hz to 20kHz-designed to minimise distortion. |
| Output Attenuation | Unit comes standard with an output attenuator to accommodate lower PA input voltages while maintaining audio quality. |
| Isolation | 3000V |
| ACMA Requirements | Meets all ACMA regulatory and safely requirements. |
| Connections to Key System | • 6 Way Modular Socket Pins 3 and 4 (centre pair).<br>• Unit provides a permanent DC loop to allow connection to the SLT port of a Key System or PABX. |
| Connections to PA System | LIU-PA:<br>• Fixed 1.8m cable terminated with 3.5mm stereo plug.<br>• Same signal fed to tip and ring, each via 100 ohms.<br>• Unbalanced output – tip and ring signals relative to sleeve.<br><br>LIU-PAN (6.3mm):<br>• Fixed 1.8m cable terminated with 6.3mm stereo plug.<br>• Balanced output provided between tip and ring via 100 ohms (sleeve disconnected). |

## INSTALLATION GUIDE:

## Connection of Key System / PABX to External Paging System

1. Ensure Key System / PABX is programmed for External Paging via a suitable SLT port.

2. Referring to the System's documentation - connect the LIU "to System SLT Socket" (6 Way Modular socket) intended for use as a Paging output using a standard line cord.

3. **LIU-PA**: Connect the LIU's PA output cord, with its 3.5mm stereo plug, to the paging amplifier input. NOTE: Unit provides the same unbalanced output signals (each connected via 100 ohms) to the tip and ring terminals of the 3.5mm plug (signals referenced to sleeve).

   **LIU-PAN**: Connect the LIU's PA output cord, with its 6.3mm stereo plug, to the paging amplifier input. NOTE: Unit provides a balanced output (connected via 100 ohms) between the tip and ring terminals of the 6.3mm plug (sleeve is not used).

4. Adjust LIU trim pot to maximum level - fully clockwise.

5. Adjust paging amplifier level to obtain desired speaker level.

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