CyberData
The IP Endpoint Company

Lucent 250W Amplifier to Singlewire Paging Adapter Connections

Singlewire Paging Adapter Connections

Lucent 250W Amplifier

MIC VOLUME
TEL VOLUME
ALC

LUCENT TECHNOLOGIES

RTFM   Line In   Line Out   + - ⎍ - +   Ext. Power
                            1 2 3 4 5 6 7   +48VDC   GND

Balanced

Hi +   Hi
Lo −   Lo

Shield/**Drain Wire**   Keep as short as possible   Shield/**Drain Wire**

APHEX   MUSIC IN   BRIDGING

CONTROLS   MIC BAL   GND   TEL BAL   CONTACT   TEL RING
TEL MIC COM   + −   T R   RING   T R

Page Port Output Connections

Pin	Description
1	Fault Sense Input (Common).
2	Fault Sense Input (Sense).
3	Positive 600-Ohm Audio Output[a]
4	Negative 600-Ohm Audio Output[a]
5	Audio Ground Reference.
6	Relay Contact - Common[b]
7	Relay Contact - Normally Open[b]

a. The 600-Ohm audio output of the page port is also suited for interfaces with lower input impedances.
b. 1 Amp at 30 VDC for continuous loads.

Notes
The Singlewire Paging Adapter's 600 Ohm Page Port output connects to the balanced TEL input on the Lucent 250W Amplifier.

Connect the SIP Paging Adapter's relay contact terminals to TEL and COM CONTROLS terminals for background music muting. When using contact closure, check the box to "Enable relay on local audio" on the Device Configuration page of the web interface.

2 conductor, shielded speaker wire is recommended. Connect drain wire to GND, if necessary.

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