



Auto Coupler Telephone Couplers

It's easy to get audio on or off the phone line with Gentner couplers. Our couplers provide direct connection to a standard phone line, and audio inputs and outputs that give you the flexibility of either sending or receiving audio. Your single-line telephone set connects directly to the coupler; it operates normally when the coupler is not in use.

Gentner's Auto Coupler is a powered unit that provides line level audio on both send and receive, plus automatic answer/disconnect along with manual operation. When the Auto Coupler is in the AUTO mode, it will answer the line after one complete ring, and will disconnect when the calling party hangs up. (Note: Some telephone exchanges do not provide a disconnect signal that the Auto Coupler will recognize. In this event, we suggest you try the Auto Coupler CP. It will recognize a wider variety of disconnect signals.)

The Auto Coupler is ideal for unattended audio feeds such as listen lines of continuous-play tape messages. It is also useful for feeding line level audio sources down the telephone line.

Although Gentner couplers have a built-in telephone hybrid circuit, and are capable of simultaneous send/receive audio, they should be used in this manner only in limited circumstances. These couplers are not recommended for broadcast on-air calls or teleconferencing use.

Applications

- Listen lines
- Church service feeds to shut-ins
- Receiving or feeding of news reports, stock market reports, weather conditions, ski reports, etc.



The Auto Coupler is perfect for unattended audio feeds such as continuous play tape messages.

Features and Benefits

- Easy to use—get audio on and off the telephone line
- Inexpensive
- Auto Coupler—auto answers and disconnects the telephone lines

Specifications

Dimensions (LxDxH): 4.17" x 6.97" x 1.61"/10.6 x 17.7 x 4.1 cm

Weight: 1 lb/0.45 kg (dry), 2 lb/0.9 kg (shipping)

Telephone connections: Line/set - RJ11C

Ringer equivalence 1.1B

Audio Connections: 1/4" phone jack, send and receive

Audio Levels:

Send: 0dBm/-10dBm selectable, balanced, bridging;

20k Ω internal limiter selectable

Receive: 0dBm/-20dBm nominal; selectable, balanced, 600 Ω internal limiter selectable

Hybrid Null:

15dB @ 1kHz tone with nominal audio levels, adjustable

Frequency Response: 250Hz to 3.2kHz, \pm 0.5dB

SNR: >60dB

THD: <0.1%

All specifications are referenced to -10dB send level and an ideal telephone line.