

# SPH10

## ANALOG TELEPHONE HYBRID



### PRODUCT OVERVIEW

Introducing the world's best and most affordable analog telephone hybrid! Interfacing your audio equipment to a telephone line has never been easier and more affordable. The SPH10 Analog Hybrid uses the latest in analog technologies to provide you with the very best sound quality at the lowest cost.

The SPH10 is a telephone interface that interconnects a standard telephone line and your audio equipment so you can receive caller audio from the telephone line and send audio to the caller. In broadcast applications, the SPH10 is used for talk shows, news and production. For professional audio applications, the SPH10 is perfect for recording studios, houses of worship, court rooms and schools.

The SPH10 will make all your calls sound the best they can be. Gentner's exclusive audio filtering and equalization eliminates unwanted noise and hum while maximizing the intelligibility of caller audio. Plug a speaker into the monitor jack and you can monitor incoming calls hands-free.

Installation is a snap! Connect the SPH10 to a telephone line and a telephone set. Then make connection to your equipment using the balanced XLR connections. All control functions can be remotely controlled.

For more information, call us today!

### FEATURES/BENEFITS

- The world's best and most affordable analog hybrid
- Newest analog hybrid technology ensures the best audio quality
- Audio filtering and equalization makes callers sound the very best they can be
- Balanced input and output
- Balanced and unbalanced mix output for recording both sides of the conversation
- Built-in monitor amp allows hands-free monitoring of calls without a headset
- Simple to install and operate
- Automatically accepts all worldwide voltages
- Worldwide compliant including FCC, CSA, CE and BABT



800.945.7730

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### SPECIFICATIONS

#### Front Panel Controls:

Send/AUX input level, caller/AUX output level, speaker volume, ON/OFF, mic/line select

#### Telephone Line Requirements

Operates on standard telephone lines and connects to the telephone system with a standard RJ11C modular jack.

#### Dimensions:

17"/43.2cmW x 1.75"/4.5cmH x 8"/25.4cm D

#### Weight:

7 lbs/3.2kg (dry)  
12.1 lbs/25.4kg (shipping)

#### Connectors:

REMOTE: DB25 female connector.

MONITOR OUT: 1/4" stereo jack; 1W output into an 8ohm load

SEND IN: XLR; +20dBm maximum input, -10dBu nominal level, >20kOhm impedance

CALLER OUT: XLR; +20dBm maximum into 600ohms, 0dBu nominal level

AUX OUT: XLR; +20dBm maximum into 600ohms, 0dBu nominal level

LINE: RJ11 connector; A-lead supervision provided

SET: RJ11 connector

#### Power Requirements:

100–240Vac, 50/60Hz

#### Power Consumption:

30 Watts

#### Frequency Response:

1dB from 250Hz to 3.5kHz

#### Signal-to-Noise Ratio:

>56dB reference to 0dBu at -15dBm on the telephone line

#### Receive Audio: Distortion:

<.3% THD, 250Hz to 3.5kHz

#### Operating Temperature:

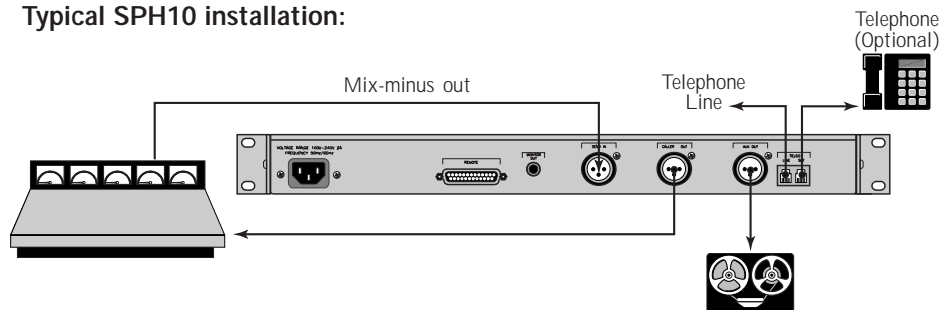
32–100° F / 0–382 C

#### Humidity:

0–80 percent



#### Typical SPH10 installation:



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