

# AmpLINC™ System

## Scalable Remote Distribution and Remote Speaker Amplification System



### FEATURES

**AMPLINC System** Scalable Audio Distribution HUB System for Audio Amplification over CAT5/6 Cabling

The AmpLinc Hub is an Analog to Digital Distribution System. The AmpLINC HUB provides both power and audio signal to the AmpLINC amplifier puck over standard Category cabling allowing for scalable audio in any application. Included 65 watt power supply will provide up to 60 watts of audio power to the amplifier pucks in any

number of configurations from 2 to 60 amplifier pucks and speakers. Standard analog audio inputs convert to Digital output over CAT5/6 cabling to each amplifier puck. Level control can be preset prior to amplification.

The AmpLINC Amp10 PUC is an efficient remote amplifier device that connects to any 8 or 4 ohm speaker over CAT5/6 cabling to enable that speaker to be amplified at the speaker.

### TECHNICAL SPECIFICATIONS

AmpLINC Hub	
Dimensions:	1.25" (3.2cm)(h) x 4.35" (4.3cm)(w) x 3.2" (8.1cm)(d)
Weight:	5.9 oz (168kg)
Power Supply:	External In-Line 24VDC
Package Type:	Aluminum Chassis
Input Connectors:	3.5mm Stereo, Dual RCA
Output Connectors:	RJ-45
AmpLINC Puck	
Dimensions:	0.94" (2.5cm) (h) x 2.63" (6.7cm) Diameter
Weight:	1.65oz (47g)
Package Type:	ABS Plastic
Amplifier Type:	Class D
Output Connectors:	Bare Wire
Output Type:	
AmpLINC Hub and Puck	
Maximum Output:	20Hz - 20kHz
Output per node:	10W @ 8Ω (max)
Frequency Response:	(+0, -3 dB) 20Hz-20kHz
THD+Noise:	<0.1% at 1W
Signal to noise ratio:	>100dB
Standard Voltage Gain:	Adjustable 20-36dB
Input Impedance (Unbalanced):	9-60kΩ (Depending on gain)
Sleep, Idle (No Nodes):	0.005/0.016A



**Simple  
and  
Intuitive**

SP Controls, Inc.  
930 Linden Avenue  
South San Francisco  
California 94080  
phone: (877) 367-8444  
fax: (650) 392-7881  
email: help@spcontrols.com