

» MBA-120-PS

High-performance, high-efficiency compact mono-block audio amplifier

- HideAway™ Series Mono-block Audio Amplifier MBA-120-PS with power-share feature
- One channel audio amplifier, optimized to drive loudspeaker impedances from 4 ohms to 32 ohms
- Stereo audio input on 3.5mm jack, Left + Right signals combined internally to generate mono-signal
- 12VDC power supply input / power supply output on Molex Mini-Fit Jr.® DC power-jacks
- Ideal for use with BrightSign® Media players and others with Molex Mini-Fit Jr.® DC power jacks
- Eliminates need for an extra AC electrical outlet in installations by sharing the power supply with the media players
- Amplifier outputs on locking quick-connect/disconnect phoenix terminals for ease of installations
- Advanced protection circuit to guard against system damage from over-load, over-current, over-temperature or short circuits.

Applications:

Integration with flat panel displays, video projectors, school class-rooms, corporate boardrooms, digital signage, hospital lobbies, hotels, restaurants, casinos, lecterns and podiums, plenum installations, etc. Ideal for use with BrightSign® Media players.



TO PLACE an ORDER or for QUESTIONS,
Emails Us: sales@pragmatic1.com, Call Us: (408) 748-1100 or Fax Us: (408) 663-9783



AMPLIFIER CONFIGURATION	2-channel un-balanced audio inputs/ 1-channel balanced output
CONTINUOUS POWER	20 watts
PEAK POWER	36 watts
INPUT IMPEDANCE	20 KOhms minimum
VOLTAGE GAIN	33 dB typical
AUDIO INPUT CONNECTOR	Unbalanced Left and Right inputs on 3.5mm stereo jack
AUDIO OUTPUT CONNECTOR	Quick-connect/disconnect locking phoenix contact jack and plug
DC POWER CONNECTORS	Molex Mini-Fit Jr.® 2-pin connectors, pin1 positive
FREQUENCY RESPONSE	20 Hz to 20 KHz
DC POWER REQUIREMENT	DC 12V @ 2A
OPERATING CONDITIONS	Temperature 32°-104°F (0°-40°C), Humidity 20-85% (non-condensing)
DIMENSIONS (LxWxH)	3.6" x 2.4" x 0.9" (with rear panel speaker connectors in place)
WEIGHT	3.78 oz.
REGULATIONS	UL, RoHS, CE, FCC
PACKAGE CONTENTS	Amplifier unit(Power supply sold separately/share w/media player)
WARRANTY	Three years limited warranty

Pragmatic MBA-120-PS is a compact high-performance, high-efficiency, affordable mono-block audio amplifier built to deliver an exceptional experience in the world of sights and sounds. Its fully integrated amplifier design delivers extremely clean state-of-the-art audio power to the loudspeakers and produces exceptional sound depth and musical clarity from a miniature powerhouse.

RELATED PRODUCTS

- BrightSign® media players
- PHA (high-performance line-array speakers)
- PHLCDTV (Pragmatic Healthcare TV solutions)
- TUNR-D High performance compact ATSC/C-QAM digital tuner
- TUNR-F High performance compact TV/CATV/FM tuner
- MuSe multichannel hard disc music server with scheduler

The unit accepts volume controlled line-level stereo audio signals on the 3.5 mm audio jack and internally combines it to a mono-signal. The DC power is supplied to the amplifier from a high-efficiency, compact and super-quiet external regulated switching power supply which it shares with the BrightSign® media players eliminating a need for an extra AC outlet in the application.

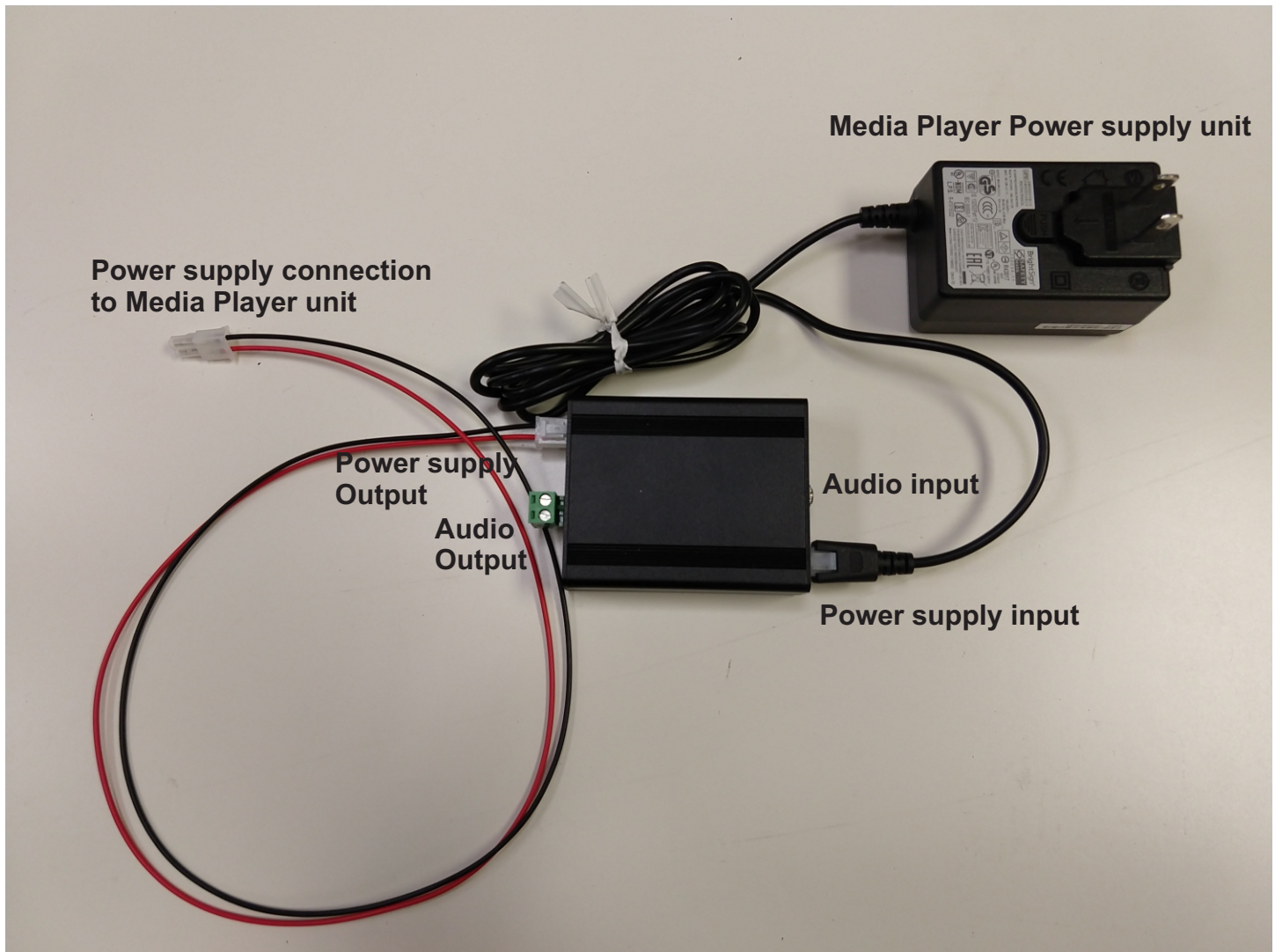
The amplifier incorporates advanced protection circuitry to guard against damages from over-load, over-temperature and short circuit fault conditions. It is built to meet the rigorous demands of commercial, industrial, professional and high-end installations.

This compact amplifier is ideally suited for installations where space is a premium. It can hide behind flat-panel displays, loudspeakers, above projectors and drop-tile ceilings, inside interstitial and plenum spaces. The amplifier generates extremely low levels of heat and is convection cooled.

TO PLACE an ORDER or for QUESTIONS,

Emails Us: sales@pragmatic1.com, Call Us: (408) 748-1100 or Fax Us: (408) 663-9783

Typical power supply connection drawing:



TO PLACE an ORDER or for QUESTIONS,
Emails Us: sales@pragmatic1.com, Call Us: (408) 748-1100 or Fax Us: (408) 663-9783