

Architectural & Engineering Specifications

SPA 2060 –Amplifier

SPA 2060 Amplifier

The unit shall be an Ateis UK SPA2060 or equal and approved.

The unit shall comprise a steel rackmountable case with all connections and controls on the rear panel to deter unauthorised adjustments.

The unit shall include two totally independent amplifier channels with independent inputs, outputs and AC/DC power supplies such that a failure of one amplifier channel does not affect the operation of the second channel.

The unit shall be powered from both AC and DC power if required for voice alarm applications, and shall include power supply and amplifier overload surveillance with front panel indication and rear panel fault output contacts.

Amplifier input sensitivity shall be set via a rear panel rotary gain control with an associated control defeat switch.

Signal level shall be indicated via a front panel LED Array.

The unit shall provide the following:

- 2U 19" Case
 - 483W x 88H x 305D mm
 - Forced air cooling
 - Temperature controlled
 - 10.6kg Nett weight
- AC Power Supply
 - 230V +/-10%
 - 50Hz - 60Hz
 - Supply surveillance

- Dual power supply
 - 1 transformer/psu per channel
 - Rear panel power switch
 - IEC connector

- AC Power Consumption Per Channel 230V

- 0.07A Quiescent
- 0.32A Typical speech message
- 0.42A Typical alarm tone & message
- 0.53A Typical alarm tone
- 0.67A Nominal power

- DC Power Supply

- 21V - 28V
- Supply surveillance
- Dual power supply
 - 1 DC inlet/PSU per channel
- Screw terminal Euro-Block plug

- DC Power Consumption Per Channel 28V

- 0.19A Quiescent
- 1.5A Typical speech message
- 1.8A Typical alarm tone & message
- 2.75A Typical alarm tone
- 3.2A Nominal power

- Control And Indication (Per Channel)

- LED Signal level bargraph
 - Front panel
- LED Power present
 - Front panel
- LED Power fault
 - Front panel
- LED Amplifier overload fault
 - Front panel
- LED Amplifier temperature fault
 - Front panel
- Rotary gain control
 - Rear panel

Switch activation

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- Fault relay output
 - Rear panel
- Audio Inputs (Per Channel)
 - Balanced line level input
 - 770mV rms Sensitivity
 - 20k Ohm impedance
 - Female XLR
 - Screw terminal Euro-Block plug
- Slave Audio Outputs (Per Channel)
 - Balanced line level output
 - Male XLR
 - Screw terminal Euro-Block plug
- Main Audio Outputs (Per Channel)
 - 70V & 100V Line high impedance
 - 4 Ohm - 8 Ohm Low impedance
 - Screw terminal Euro-Block plug
- Audio Performance
 - 2 x 60W Nominal output
 - Bridgeable output stages
 - <1% THD at nominal power
 - >90dB S/N ratio
 - 60Hz - 18kHz Frequency response

IMPORTANT

Specifications are subject to change without prior notice. More information can be found at the website: www.ateis.co.uk.

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