

D4176

DAP HP-900

*2-channel amplifier (2x 450 W)*

# DAP

EAN: 8717748425478



The DAP HP-900 is a simple yet effective and safe 2x 450 watt amplifier with bridge, parallel and stereo mode, suitable for audio installations at public places, such as clubs, bars and other small venues. Its output is sufficient for everyone to sing along and dance to their favorite tunes.

The HP-900 is safe to use since it is protected from clipping, overloading and overheating. It can be built into a 19-inch rack or case and has a 2 unit height. Rubber feet are included for placement on a cabinet. A power cable is also included.

### Special features:

- Class AB amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design
- Rubber feet and power cable included

## Specifications:

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### Outputs

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| 2 ohms Stable                                      | No                         |
| Output per Channel into 8 ohms at 1 kHz            | 350 W                      |
| Output per Channel into 4 ohms at 1 kHz            | 450 W                      |
| Bridge Output into 8 ohms at 1 kHz                 | 900 W                      |
| Output per Channel into 8 ohms from 20 Hz - 20 kHz | 350 W                      |
| Output per Channel into 4 ohms from 20 Hz - 20 kHz | 450 W                      |
| Bridge Output 8 ohms from 20 Hz - 20 kHz           | 900 W                      |
| Output Channels                                    | 2                          |
| Output Gain                                        | 32 dB                      |
| Output Mode                                        | Bridge / Parallel / Stereo |
| Output Connector                                   | Speaker Connector 4 pole   |

### Inputs

|                                 |                |
|---------------------------------|----------------|
| Mono Inputs                     | 2              |
| Mono Input Connector            | 3-pin XLR      |
| Mono Input Impedance            | 20000 $\Omega$ |
| Balanced Mono Input Sensitivity | 1 dBu          |

### Audio Specifications

|                            |               |
|----------------------------|---------------|
| THD Level %                | < 0.5 %       |
| Signal-to-noise Ratio      | > 100 dB      |
| Slew Rate                  | 13 V/ $\mu$ s |
| Amp Technology             | Class AB      |
| Damping Factor             | 100 :1        |
| Crosstalk                  | 75 dBu        |
| Frequency Response Minimum | 10 Hz         |
| Frequency Response Maximum | 20000 Hz      |

### Electrical Specifications and Connections

|                    |                    |
|--------------------|--------------------|
| Power Supply       | 220-240 V AC 50 Hz |
| SMPS               | No                 |
| Power Consumption  | 1100 W             |
| Fuse               | 6 A                |
| Power Connector In | IEC                |

### Mechanical Specifications

|                                      |               |
|--------------------------------------|---------------|
| Amplifier Airflow                    | Front to back |
| Amplifier Cooling                    | Axial fan     |
| Height (mm)                          | 88 mm         |
| Width (mm)                           | 483 mm        |
| Depth (mm)                           | 310 mm        |
| Installation Depth (Excl. Connector) | 310 mm        |
| Flightcase Size                      | 19"           |
| Rack Units                           | 2 U           |
| Housing                              | Metal         |

|           |                        |
|-----------|------------------------|
| Colour    | Grey                   |
| Finish    | Powder Coating         |
| Weight    | 10.6 kg                |
| IP Rating | IP20 (indoor use only) |

#### Product Properties

|                       |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Handles               | No                                                                                            |
| Electronic Protection | Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal |
| LED Indicators        | Clip / Protect / Signal                                                                       |

#### Included Items

|                      |             |
|----------------------|-------------|
| Included Cables      | IEC cable   |
| Included Accessories | Rubber feet |

## Downloads:

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### Manual

[D4176\\_MANUAL\\_GB\\_V2.pdf](#)

### Declaration

[D4176\\_DoC\\_2018.pdf](#)