

# Digital Power Amplifier

BP/150  
BP/250  
BP/350



## DESCRIPTION:

HEINRICH Digital power amplifier for conferencing audio visual BP series -BP/150, BP/250, BP/350 amplifiers have short-to-ground, short-circuit diction and line-impedance surveillance up to 0.5% deviation using the EVAC Controller systems for loudspeaker-line surveillance. They support both single -spure and redundant loop cabling (A/B) and have a switchover facility that automatically reroutes power to a backup amplifier (if present) via the SONAES charger in the event of failure BP series Amplifiers have a rear-panel selector switch for amplifier monitoring according to EN 54-16. BP series amplifier computable with evac VOICER and DVA series.

## SPECIFICATION:

| Model                 | BP-150   | BP-250                | BP-350                 |
|-----------------------|--|-----------------------|------------------------|
| Power 8om             | 150WX2   | 250WX2                | 350WX2                 |
| Power 4om             | 250WX2   | 350WX2                | 500WX2                 |
| Frequency Response    | 20Hz-20KHz(+0,-0.5dB)                                      | 20Hz-20KHz(+0,-0.5dB) | 20Hz-20KHz (+0,-0.5dB) |
| THD+N                 | ≤ 0.05%  | ≤ 0.05%               | ≤ 0.05%                |
| Siew Rate             | 25V/us   | 30V/us                | 30V/us                 |
| Damping Factor        | >100   | >200                  | >250                   |
| Output Circuitry      | Class AB   | Class AB              | Class AB               |
| Signal to Noise Ratio | ≥85dB  | ≥85dB                 | ≥89dB                  |
| Cross Talk            | ≥60dB  | ≥65dB                 | ≥65dB                  |
| Input Impedance       | 0.7V   | 0.8V                  | 0.9V                   |
| Cooling               | Two variable speed fans                                    |                       |                        |
| Amplifier protection  | Short circuit, themal, over load, chip limiter, DC voltage |                       |                        |
| Product Dimensions    | 480mm x 410mm x90mm  |                       |                        |
| Packing Dimensions    | 536mm x 536mm x 150mm                                      |                       |                        |

As per our company policy one of the constant Product improvement the right is there for reserved to modify product specifications without prior notice