

MCD-1002,MCD-1202,MCD-1802 Integrated Stereo Amplifier

The MCD series of integrated amplifiers, is powered by MHz Class D technology. This high sampling frequency enable you to reproduce the entire audio bandwidth with true high fidelity, without compromising phase performance. All MCD amplifiers exhibit extremely low THD and tremendous peak currents.



| | | | | |
|---------------------|---|---------------------------|------------------|----------------------|
| Product Name | 4 input integrated stereo class-D amplifier | | | |
| Type | MCD-1002 | MCD-1202 | MCD-1802 | |
| Voltage | AC :115/230 V 50/60Hz | | | |
| Output power | 4ohm ,THD<0.5% | 100Wx2 | 120Wx2 | 180Wx2 |
| | 8ohm ,THD<0.5% | 60Wx2 | 70Wx2 | 120wx2 |
| THD | | @ 1k Typical | @ 7k Typical | @ 15k(50k bandwidth) |
| | @1W | 0.005% | 0.007% | 0.008% |
| | @8W | 0.008% | 0.015% | 0.02% |
| | @Half power | <0.02% | <0.04% | <0.04% |
| Frequency response | 5Hz~50K +0/-0.05db | 1Hz~100KHz +0/-3dB | (8ohm all power) | |
| Signal/Noise Ratio | 110dB | | | |
| Output Impedance | 20 milliohms | All frequency | | |
| Input Impedance | 10k ohms | | | |
| Gain | 38 dB | | | |
| Max output current | 15A(peak) | 18A(peak) | 22A(peak) | |
| PWM Frequency | 1MHz(+/-15%) | | | |
| PWM idle voltage | 30mV | 32mV | 25mV | |
| Stand by power | 6W | 6W | 8W | |
| effect (@max power) | 89% | 89% | 92% | |
| Protection | over voltage / over current / speaker Protection and soft-start | | | |
| Color: | front panel | silver | black | black |
| | Knob | silver | silver | black |
| | case | black | black | black |
| Weight: | amplifier | 5.8kg | 6.0kg | 6.2kg |
| | package | 6.2kg | 6.5kg | 6.5kg |
| Size | amplifier | 375mm(D)x282mm(W)x95mm(H) | | |
| | package | 420mmx350mmx160mm | | |