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**EP10 specifications**

|                                    |                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------|
| Power supply                       |                                                                                             |
| Operating Voltage range            | 8.0 - 16V DC                                                                                |
| Auto Turn On                       | ACC / DC OFFSET ( High level input CH1 only )                                               |
| Standby current                    | <5mA                                                                                        |
| Idling current                     | 1.2A                                                                                        |
| REM OUT output voltage             | 12V DC (380mA)                                                                              |
| Recommended external fuse Rating   | 50A                                                                                         |
| Input                              |                                                                                             |
| Analog input                       | 8 Channel High Level / 10Vrms                                                               |
|                                    | 2 Channel Low Level (AUX) / 2.0Vrms                                                         |
| Digital audio input                | 1 Optical (96kHz/24bit); 1 Coaxial                                                          |
| Input Impedance                    | 20K Ohm (Low Level ) / 10 Ohm(High-Level)                                                   |
| Bluetooth                          | Built-in Bluetooth 5.1, Supports SBC / AAC protocols                                        |
|                                    | External Bluetooth 5.0, Supports AAC, APTX-L, APTX-LL, APT-HD, MP3, SBC and other protocols |
| Output                             |                                                                                             |
| Output Channel                     | 8 High Level (CH1~CH8) + 10 Low Level (CH1~CH10)                                            |
| Low level output(14.4V,1KHz,1%THD) | CH1-CH8: 2.5Vrms; CH9/CH10: 5Vrms                                                           |
| High level output RMS power        | 8 x 50W (14.4V, 4Ω, 1KHz, 1%THD)                                                            |
| High level output MAX power        | 8 x 100W (14.4V, 4Ω, 1KHz, 10%THD)                                                          |
| Frequency Response range           | 20Hz ~ 40KHz (-3dB)                                                                         |
| THD (1KHz, 1Vrms output )          | 0.04%                                                                                       |
| S/N Ratio(1KHz A-wt.THD=1%)        | >95dB                                                                                       |
| Channel Separation @1KHz           | >65dB                                                                                       |
| Output signal Crossover            | Independent HPF, LPF filter for each channel                                                |
|                                    | Filter type: Link-Ril, Bessel, Butter-W                                                     |
|                                    | Filter frequency: 20Hz~40KHz (1Hz steps)                                                    |
|                                    | Filter slope: 6dB/Oct~48dB/Oct                                                              |
| Output Signal Equalizer            | 31 independent equalizers per channel. Type: Parametric / Graphic Equalizer                 |
|                                    | Frequency: 20Hz~40KHz (1Hz steps)                                                           |
|                                    | Q Value: 0.404~28.852                                                                       |
|                                    | Gain: -12.0dB~+12.0dB (0.1dB steps)                                                         |
| Output Phase                       | Normal phase or reverse phase (0°~360°)                                                     |
| Output Delay                       | 0.000~20.000ms;0~692cm;0~272.8 inch                                                         |
| Output volume                      | Each channel independent adjustment: -60dB ~ 0dB (0.1dB steps)                              |
|                                    | Total volume adjustment: -60dB ~ 6dB(0.1dB steps)                                           |
| Shutdown delay                     | 0~255S                                                                                      |
| Control                            |                                                                                             |
| DSP Tuning                         | PC software (Installation free) /                                                           |
|                                    | Smart phone app tuning ( External Bluetooth module required )                               |
| Remote control                     | Wired controller /                                                                          |
|                                    | Smart phone app control ( External Bluetooth module required )                              |
| Dimension                          |                                                                                             |
| Net weight                         | 1.6kg                                                                                       |
| Dimension                          | 137mm x 223mm x 50 mm(L x W x H)                                                            |