INFORMATION

T+A ⊠

E-SERIES MUSIC RECEIVER

This all-purpose machine has inherited the genes of the individual POWER PLANT and MUSIC PLAYER components, both of which have garnered superb test results, and it certainly constitutes one of the most modern and innovative receivers available on the world market. It combines classic analogue technology with the very latest digital circuitry, and forms the universal command centre of a modern, truly high-quality stereo system. Our developers have adopted the complete output stages of the POWER PLANT, with their superb and potent sound, with just a slight reduction in output. Even so, more than 160 Watt of power is available per channel into 4 Ohm. This is quite suffi cient to drive even large, sophisticated loudspeakers effortlessly and to the highest standards of quality.The MUSIC PLAYER has contributed its outstanding analogue pre-amplifi er, converter and CD mechanism (without pushrods). The pre-amplifi er provides many useful functions, including balance, tone controls, loudness, fl at function and sub-sonic fi lter for use with satellite speakers. The MUSIC RECEIVER is also fi tted with three high-quality analogue inputs (one of them in the form of Tape In / Out), a pre-amplifi er output for connecting active speakers or additional amplifiers, two sub-woofer outputs and one line output, which can be used for a radio transmission module and other functions. To ensure that the refi ned 32-bit double-mono converter can also be used as a DAC in conjunction with other sources, theMUSIC RECEIVER boasts fi ve digital inputs, and the three co-ax inputs can even process signals at up to 24-bit / 192 kHz. As you would expect, the machine also features a digital output.To cap it all, we have added two more functions to this superb machine in the shape of a good FM tuner and our Streaming Client board. With these facilities the MUSIC RECEIVER is capable of accessing anything and everything which delivers music: VHF radio, Internet radio, UPnP network music servers, USB media storage devices and the iPod and its control system.

The rear of the MUSIC RECEIVER displays the machine's vast facilities: it provides high-end analogue inputs and outputs as well as a jitter-free digital output and fi ve high-quality digital inputs (cinch and optical). The LAN and W-LAN sockets are used to connect to the Streaming Client, while the USB inputs are designed for an iPod and a hard disc. All the cinch sockets and loudspeaker terminals are made of pure, non-magnetic brass with hard gold-plating.The MUSIC RECEIVER is supplied complete with the F 100 system remote control handset.

Specifications

Nominal output per channel	2 x 160 Watt into 4 Ohm, 2 x 94 Watt into 8 Ohm
Peak output	2 x 220 Watt into 4 Ohm, 2 x 150 Watt into 8 Ohm
Frequency response	+/- 3dB: 1 Hz - 60 kHz
Total harmonic distortion	< 0,01%
Intermodulation	< 0,01%
Channel seperations	> 80 dB
Analogue inputs	3 x high-level 250 mV - 2,5 V / 20 kOhm
Digital inputs	SP/DIF (16-24 bit): 3 x coax (192 kSps), 2 x TOS-Link (96 kSps), 2x USB for iPod and Harddisk
Analogue outputs	Pre-amplifier output, Line Out, Tape Out (Stereo 2,5 V eff / 22 Ohm), Headphone > 50 Ohm
Digital outputs	1x coax, IEC 60958 (CDDA/LPCM)
CD-Player	CD/DA, CD-R, CD Text
Streaming Client formats	MP3, WMA, AAC, OGG-Vorbis, FLAC (96/24 via LAN), WAV (96/24 via LAN)
Playlists	PLS, M3U, ASX (if supported by server)
Supported Media servers	UPnP 1.1, UPnP AV, Microsoft Windows Media Connect Server (MS DRM10), vTuner Internet Radio Service, DLNA compatible servers
Standards	DLNA, UPnP, MS-DRM10, Designed to play Plays for sure guidelines
Features	Web server (remote PC Web browser control), vTuner. Internet Radio Station database (automatic updates over Internet)
Interfaces	USB 2.0 for Harddisk, iPod with control system and display, LAN, W-LAN, RS 232 Update and control interface
Radio	FM Radio 87,5 - 108 MHz, overload damping >40 dB, RDS functions, station lists, station memory (presets)
D/A converter	32-bit, 384 kHz Sigma Delta, 8-times oversampling, double-mono
Analogue filter	Phase-linear 3rd order Bessel filter, 100 kSps
Frequency response	2 Hz - 20 kHz 44.1 kSps
	2 Hz - 22 kHz 48.0 kSps
	2 Hz - 40 kHz 96.0 kSps
	2 Hz - 80 kHz 196.0 kSps
Total harmonic distortion	< 0,001 %
Signal : noise ratio	109 dB
Channel seperation	106 dB
Dimensions Hx W x D	12 x 44 x 39 cm (4.7 x 17.6 x 15.6 inch)
Weight	10kg (22lbs)
Finishes	black case with silver side panels
	silver case with black side panels
Accesories	incl. system remote control handset, W-LAN aerial
control interface	RS 232 for update and control system
Mains socket	100-240 V, 50/60 Hz 300 Watt
optional accessories	iPod docking station,
	FD 100 bi-directional radio remote control handset with screen
	metal ir remote control FM 100

Technical modifications reserved.

New bi-directional remote control | F