



CALA

The smallest, most compact – and probably best-looking – stereo receiver that T+A has ever built is Cala, and represents the ideal solution for any music enthusiast who demands high-quality sound from their stereo system, but also appreciates sophisticated design, perfect craftsmanship and compactness. Although the Cala looks small, it is enormously capable and tremendously versatile. Two output stages with a continuous power of 55 Watts effortlessly drive any normal loudspeaker, and an active sub-woofer can also be connected if you prefer to use small speakers such as the CS Mini. The machine provides access to all modern music sources: a high-quality FM tuner, a streaming client for Internet radio, network access and facilities for hard discs, memory sticks and iPod, plus a Bluetooth module to A2DP standard. The latter represents a fast, simple method of pairing any mobile audio device to the receiver, and therefore provides extremely convenient audio file playback. There are also two analogue inputs, typically intended for connecting a TV set in order to improve the generally inadequate sound quality.

The case is made of solid aluminium, and is produced in a single process using a complex extruding tool. It is then blasted with fine glass beads before being anodised. The internal chassis, on which all the electronic circuitry is mounted, is also made of aluminium, while the front panel and top cover consist of high-gloss acrylic.

The Cala's uncluttered front panel is devoid of physical controls, as all its functions are operated using the F 100 system remote control in a logical and intuitive manner. The large-format, high-resolution graphic screen displays all data and information in context-sensitive form in multiple font sizes, and offers user-variable screen brightness. All the signal processing takes place at the digital level thanks to the machine's ultra-modern digital signal processor; we term this concept "Pure Path" technology. It provides a crucial improvement in sound quality, as it eliminates the need for additional conversion of the digital sources, and all data processing is carried out at 24-bit resolution with HD audio quality.

The array of sockets on the back panel demonstrates the Cala's impressive facilities. It includes two analogue inputs, typically for connecting a TV set. Access to new music media is provided by a LAN socket and a WLAN aerial, while the USB port is designed to accept hard discs and memory sticks, or an iPod including control system and battery charging. Since the integral VHF RDS tuner is of very high quality, we recommend the use of a first-class external aerial. The heavy-duty loudspeaker terminals are capable of accommodating cable of large cross-section, and an output for an active sub-woofer is also present.



Specifications

Streaming Client

Formats

MP3, WMA, AAC, AIFF, FLAC, OGG-Vorbis, LPCM, WAV

Media server

UPnP AV, vTuner Internet Radio Service DLNA compatible servers

Interfaces

USB 2.0, LAN, WLAN, iPod via USB, including control system

Bluetooth

A2DP Bluetooth audio transmission protocol

Tuner section

Reception range

87,5 – 108 MHz

Sensitivity

2 µV

Overload margin

> 125 dB

Stereo crosstalk attenuation

> 40 dB

Funktions

RDS, station name, Radiotext, clock, station lists, station memory

Amplifier section

Inputs

2 x Aux, 0,5 V...2,75 V / 20 kOhms

Nominal output per channel

55 Watts into 4 Ohms

Total harmonic distortion

< 0,02 %

Sound management

DSP controlled sound characteristics

Sound enhancement

Bass extension and linearisation with particular T+A speakers

Bass management

Full-range, 40 Hz, 60 Hz, 100 Hz, 150 Hz

Outputs

SUB Out RCA

Mains connection

Wide-band mains power supply, 100 – 240 V, 50 – 60 Hz

Accessories

F100 system remote control, WLAN aerial, FM aerial

Features

Variable screen brightness, dual-time alarm

Dimensions, H x W x D

9.5 x 30 x 21 cm / 3.7 x 11.8 x 8.3 inch

Finishes

Case silver aluminium 43, front and top cover black acrylic 91