

- ✓ Bluetooth® Apt-X
- ✓ Coax & Opt. inputs
- ✓ Sub. output + filter
- ✓ Opt. board pow. sup.



**QOBUZISSIME**  
LE GOÛT DE QOBUZ

**CHOC**  
de  
**CLASSICA**  
HI-FI



**EX-712.1** This stereo system has been designed on the basis of the EX-222.1 which was acclaimed on numerous occasions and in particular by the French Classica magazine and was awarded by a "Choc"! It delivers a power of 2x40W RMS into 8Ω and 2x60W into 4Ω. It includes a CD player (MP3 / WMA) as well as FM RDS and AM tuner with 40 station presets. Its USB port allows you to play your digital files on USB key in MP3 and WMA formats. The EX-712 includes a Bluetooth® APT-X receiver allowing you to listen to music from your Smartphones and tablets. It has one analog audio input (RCA stereo), 1 digital input (optical and / or coaxial connections) allowing it to connect to TVs last generation. Finally, it provides a Subwoofer output to connect an active subwoofer. This output as a high-pass filter that can be switched on to optimise the listening in 2.1 configuration. Let this switch on "Large" position if you do not have a subwoofer.

### HIGHLIGHTS

- High quality manufacturing
- Shielded preamplifier
- 220VA Toroidal transformer
- Bluetooth® Apt-X with detachable antenna
- Optical and Coaxial digital inputs
- Subwoofer output with high-pass filter (switchable)
- USB input for MP3/WMA files formats
- AUX input in RCA
- Headphone output 6.35 mm
- Power output for optional card (eg. the Phono card EX PHONO-2X)

### SPECIFICATIONS

- Amplifier power: 2x 40W into 8Ω  
2x 60W into 4Ω
- CD Player (MP3/WMA)  
Tuner AM & FM RDS with 40 presets  
Bluetooth® Apt-X V4  
USB (MP3/WMA)
- Connections**
- 1x Headphone jack 6.35 mm in front
  - 1x USB (Type-A) in front
  - 1x Auxilliary input stereo RCS
  - 1x Digital Input: optical and coaxial
  - 1x Bluetooth® antenna
  - 1x Sortie Subwoofer
  - 1x Power output for optional card (Type 2X)
  - 4x Speaker terminals screw-compatible banana plugs
  - 1x Detachable IEC power socket
- Dimensions (WxHxD): 430x80x355/410 mm  
Weight: 6.8 kg

### EAN CODE

Black finish (B): 0634654606051

### DEEE

4.4 = 0,84 € H.T.



## EX-712.1 Stereo system 2x40W - Bluetooth® Apt-X

### SPECIFICATIONS

#### Amplifier section

Output Power 2x 40W into 8Ω  
2x 60W into 4Ω

Input sensitivity: 340 mV/47 KΩ

Frequency response: 20 Hz-20 kHz

Compatible speaker impedance range: 6-8Ω

#### Tuner section

##### FM RDS

Tuning range: 87.5 MHz - 108 MHz

Signal to noise ratio Mono: 56 dB

Signal to noise ratio Stereo: 52 dB

##### AM

Signal to noise ratio: 35 dB

EUROPE: Frequency ranges 522 kHz to 1.620 kHz, 9 kHz steps

USA: Frequency ranges 530 kHz to 1.710 kHz, 10 kHz steps

#### CD Player section

Maximum output level: 2V

Frequency response: (Ref. 0dB, 20Hz – 20kHz): + 0,5 dB

Total harmonic distortion: (Ref. 1kHz) <0,0025%

Signal to noise ratio: (A, ref. 1kHz): 110dB

Chanel balance (Ref. 0dB, 1kHz): + 0,5dB

Dynamic range: 96 dB

Channel separation: 95dB (1kHz et 10kHz)

#### USB

Type – A

Format: FAT

#### Bluetooth®

Version: Apt-X® V4

Transmission range: 10m or less unobstructed

#### Files format for USB and CD

##### MP3

Format: MPEG-1 Audio Layer 3

Sampling frequency: 44.1 or 48 kHz

Bit rate: 320 kb/s or less

##### WMA

Sampling frequency: 44.1 kHz

Bit rate: 192 kb/s or less

#### Connections

1x Headphone jack 6.35 mm in front

1x USB (Type-A) in front

1x Auxiliary input stereo RCS

1x Digital Input: optical and coaxial

1x Bluetooth® antenna

1x Sortie Subwoofer

1x Indoor FM antenna

1x Indoor AM antenna

1x Power output for optional card (Type 2X)

4x Speaker terminals screw-compatible banana plugs

1x Detachable IEC power socket

#### Included accessories

1x Detachable IEC power socket

1x Bluetooth® antenna

1x Indoor FM antenna

1x Remote control EX-RC3

2x Batteries (AAA) for EX-RC3

1x Owner's manual

#### General

Dimensions (WxHxD): 430x80x355/410 mm

Weight: 6.8 kg



EX-712 (first version)



EX-712.1 (new version)

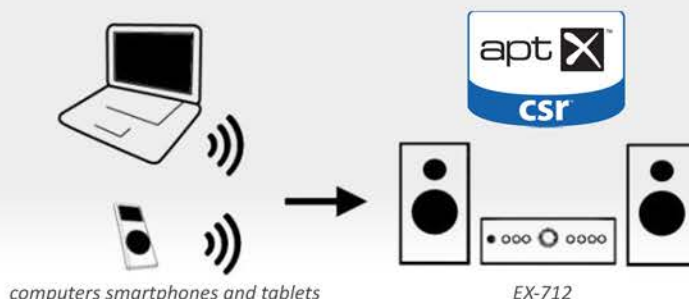
## EX-712.1 Stereo system 2x40W - Bluetooth® Apt-X

MORE...

The **Bluetooth® Apt-X** codec is an audio compression technology that was developed by the Irish company APT (Audio Processing Technology). This codec is used when playing music tracks stored on a source from another device through a Bluetooth connection between two devices.

Compatible with A2DP Stereo Bluetooth devices, Bluetooth Apt-X codec offers near CD Audio quality. The compression ratio is 4:1 on average and thus allows listening to high quality music.

The Apt-X audio codec is available for high quality stereo audio over Bluetooth. When incorporated in Bluetooth A2DP Stereo products, Apt-X audio coding delivers full 'wired' audio quality. With the Apt-X audio codec source material is transparently delivered over the Bluetooth link, whether it is stored uncompressed or in an alternative compression (MP3, AAC, FLAC) format.



MP3 or AAC files with a throughput less than 350 Kbits / sec are transmitted without transcoding or loss of data. The dynamic range is 92 dB, the 16-bit resolution and frequency response between 20 Hz and 22 kHz (such as CD-Audio). Moreover, the Bluetooth Apt-X codec is compatible with Bluetooth conventional SBC systems.

The EX-712 Bluetooth® works with computers smartphones and tablets.

The EX-712 includes a digital to analog converter **Cirrus Logic 8415**. The DAC is compatible with digital signals up to 24bits/96kHz. Its Optical and Coaxial inputs allow you, for example, to connect the audio output of your flat screen.

A **power output** is available at the rear of the unit for the optional board. So you can, for example, add the Phono card EX-PHONO-2X without having to worry about how to power it.

A selector **"Large / Small"** located at the rear panel of the unit enables (or not) a **high-pass filter** to concentrate the power of the amplification on the rendering of high frequencies which is useful if you have connected an active Subwoofer. Thus, when the "small" position is activated, the EX-712 will leave only through high frequencies to optimize your 2.1 system listening. For a conventional listening, in stereo without subwoofer, set the switch in the "Large" position.

