



WA 800RC



WiFi signal transducer system

Set of wifi signal transducers, consists of a transmitter and receiver, respectively several receivers. On the transmit side, we have a USB transmitter WA 800RA or version with line inputs WA 800RB.

After connecting the WA 800RA USB slot with a computer, computer creates a new virtual sound card output. If you play sound or video, sound is automatically transmitted digitally to this transmitter WA 800RA, so the signal is digitally broadcasted onto receivers WA 800RC.

WA 800RB is the transmitter with line stereo audio input for connecting external audio source, e.g. MP3 or CD player, mixing amplifier, domestic HiFi receiver, mobile phone, tablet or laptop. Just to connect to this input analog stereo signal and WA 800RB broadcast it on the receiver (s) WA 800RC.

As indicated, the wireless transmission happens on the 2.4 GHz band (where wifi network operates), the transmission is encrypted and is based on the digitized audio signal - transmitter includes A/D 24b converter, receiver D/A 24b converter. All devices are paired, and it is not possible to break them in any way from the outside, devices are not visible in wifi network. And not to be too restricted on ways of connections, you can install not only variant 1 transmitter to 1 receiver, but also 1 transmitter to 8 receivers.

Use of this digital broadcast system is variety: wireless active speakers, wireless mixing amplifiers or amplifier, wireless laptop, wireless mixer, wireless subwoofer, ground loop separation... Our experiences bring domestic use - connection HiFi receiver with active speakers on the terrace, connection of sound cabin with a mixing console on stage in the cultural center or theater, wireless connection with the band, remote connection to the local music players in a restaurant or hotel, laptop connections to the local sound system in the conference hall, fast mobile sound connection system on the terrace of the house, or use on the stadium.



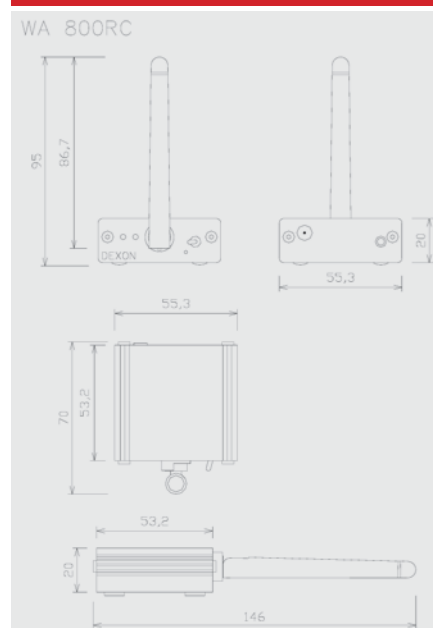
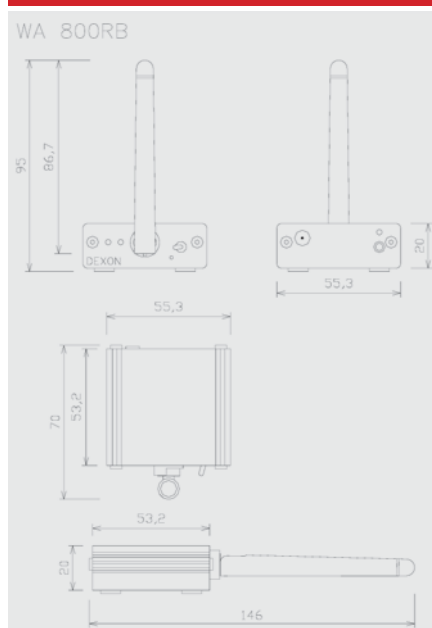
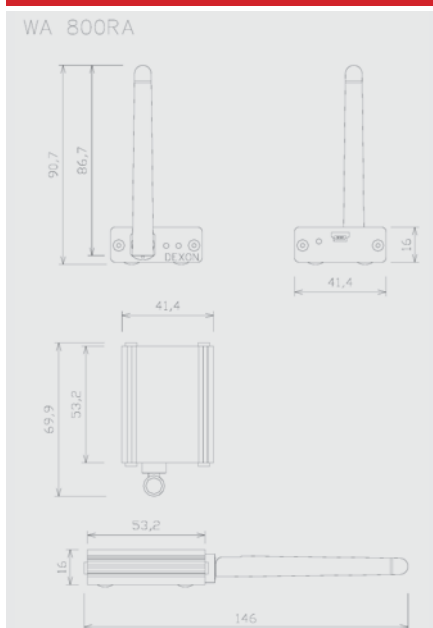
WA 800RC



WA 800RA

WA 800RB

WA 800RC



WA 800RC

Technical datas

WA 800RA transmitter with USB input

- Transmitter for connection to a PC or laptop via USB
 - USB slot for connection to a computer. Computer creates a new virtual sound card output and the computer system immediately starts sending audio to this output. If you play sound or video, sound is automatically transmitted digitally to this transmitter WA 800RA, which completely digitally broadcasts it onto receivers WA 800RC.
 - USB cable included
 - Follows the standard USB audio driver in Windows XP, Windows Vista, Windows 7, 8 and Mac OS X. Plug and play - no installation needed. After connecting, the USB is available immediately.
 - There is no loss of sound quality. Sound is entirely in digital form
 - from the computer to the receiver WA 800RC. Nothing is sampled or converted.
 - Digital transmission (linear PCM) in CD-quality stereo
 - wireless transmission on the 2.4 GHz ISM wifi band on three channels. Pair transmitter - receiver uses this band, the transmission is encrypted and is unique. All devices are paired, and it is not possible to break them in any way from the outside, devices are not visible in wifi network.
 - A miniature compliance of durable duralumin, black
 - The ability to run a single transmitter to up to eight receivers
 - Can operate up to 3 systems (group transmitter-receivers) at the same time, on same place
 - Transmission range in free space more than 50 m
 - Transmission range in building with furniture about 30 m
 - Transmission range between rooms through a brick wall or ceiling
 - Indication of connection with receivers
 - SLEEP mode for saving energy, in case without the presence of input signal
 - LEARN button for pairing with receiver
 - Adjustable 9 cm antenna
 - Power supply directly via USB from computer
 - Dimensions 41 × 16 × 53 mm
 - Weight 52 g
- #### WA 800RB transmitter with line input
- Transmitter with analog audio input for connecting with external audio source, e.g. MP3 or CD player, mixing amplifier, domestic HiFi receiver, mobile phone, tablet, laptop etc.
 - Analog stereo signal is applied to the audio input, then digitized by A/D converter, encrypted and transmitted onto the receiver(s) WA 800RC
 - Minimal loss of sound quality, thanks to quality A/D converter
 - Digital transmission (linear PCM) in CD-quality stereo
 - Wireless transmission on the 2.4 GHz ISM wifi band on three channels. Pair transmitter - receiver uses this band, the transmission is encrypted and is unique. All devices are paired, and it is not possible to break them in any way from the outside, devices are not visible in wifi network.
 - A miniature compliance of durable duralumin, black
 - The ability to run a single transmitter to up to eight receivers

- Can operate up to 3 systems (group transmitter-receivers) at the same time, on same place
- Transmission range in free space more than 50 m
- Transmission range in building with furniture about 30 m
- Transmission range between rooms through a brick wall or ceiling
- Indication of connection with receivers
- Indication of the limitations of the input audio signal
- SLEEP mode for saving energy, in case without the presence of input signal
- LEARN button for pairing with receiver
- Adjustable 9 cm antenna
- Input connector Jack stereo 3.5
- Input level max. 1 Vrms
- Input impedance 27 kΩ
- 24b quality A/D converter
- Wireless transmission with S/N ratio 96 dB/A
- Sampling frequency 48 kHz
- Frequency range: 20 - 20,000 Hz / ± 0.3 db
- Distortion THD < 0.007 % / A
- Powered by the supplied AC adaptor AC 230 V / 5 V DC
- Dimensions 55 × 20 × 53 mm
- Weight 73 g

WA 800RC receiver

- Receiver with analog audio output for connection to an active sound system, e.g. active speakers, mixing amplifier, amplifier, mixer, home HiFi receiver
- WA 800RC receives a radio signal and decodes it using the D/A converter, produces an analog stereo output signal
- Minimal loss of sound quality, thanks to quality D/A converter
- Digital transmission (linear PCM) in CD-quality stereo
- Wireless transmission on the 2.4 GHz ISM wifi band on three channels
- A miniature version of durable duralumin black
- Indication of connection with transmitter
- SLEEP mode for saving energy, in case without the presence of input signal
- LEARN button for pairing with receiver
- Adjustable 9 cm antenna
- Output connector 3.5 jack stereo
- Output level max. 2 Vrms
- Minimum load impedance 1 kΩ
- Quality 24b D/A converter with S/N ratio > 106 dB/A
- Sampling frequency 48 kHz
- Frequency range: 20 - 20,000 Hz / ± 0.3 db
- Distortion THD < 0.0035 % / A
- Powered by the supplied AC adaptor AC 230 V / 5 V DC
- Dimensions 55 × 20 × 53 mm
- Weight 69 g

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| WA 800RA | Cat. Nr.: 21 860 | pc |
| WA 800RB | Cat. Nr.: 21 861 | pc |
| WA 800RC | Cat. Nr.: 21 862 | pc |