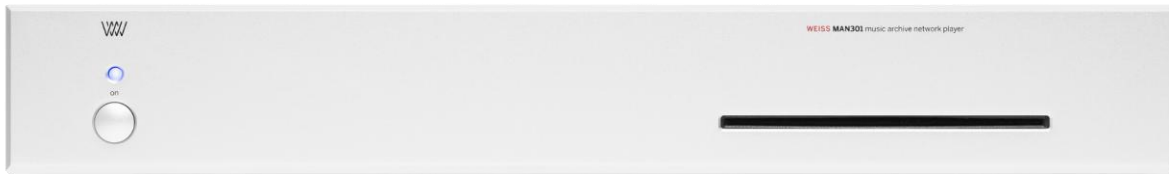




## Weiss MAN 301R

### Music Archive Network Player



## ALL YOUR MUSIC AT YOUR FINGERTIPS

### IPAD CONTROLLED AND ROOM BASED MUSIC ARCHIVE NETWORK PLAYER STREAMER, CD RIPPER, PREAMP, AND MORE

The **MAN301R** provides a single access point to Your entire music library. Play Back and archive music on NAS drives, stream music from internet, play Internet Radio Stations, rip CD, get cover art and metadata – and control it all via the ROON interface and the Weiss web interface.

The MAN301R is a powerhouse in terms of features and versatility, and a must-have for enthusiast with music collections that are played back from multiple locations and / or for music streaming lovers.

Existing MAN301 units can be side-graded to the MAN301R version.





### THE ROON MODE

The main operating mode which needs the user to have a Roon subscription in order to be able to use the Roon user interface. Roon allows to:

- stream music from Qobuz, Tidal, KKBOX, Dropbox (with the appropriate subscriptions)
- play files from local storage devices
- stream radio stations via the Internet

For more information see <https://roon.app>

Connect the MAN301R to your network to access your NAS devices and the Internet. Then use the Roon app to control and organize your entire music library. All common audio file formats are supported. The MAN301R runs the Roon Core software, thus no additional computer is required.

### THE PRA-AMP MODE

This mode allows the use of the MAN301R as a D/A Converter. Provided the MAN301R has a D/A Converter module installed. If there isn't any D/A Converter installed the preamp mode can be used as a volume control for digital signals via the web interface.

The inputs available in pre-amp mode are: AES/EBU and S/PDIF on XLR, RCA and TOSLINK connectors, UPnP and airplay

### THE CD RIPPING MODE

This mode allows to rip CDs to a USB storage device plugged into the back of the MAN301R. The ripped files then can be played from within the USB storage device or can be copied to another storage device.





# MAN301R technical data

## Digital inputs

(1) XLR connector, (1) RCA connector, (1) Toslink connector (optical). All inputs accept professional or consumer standard, i.e. accept AES/EBU or S/PDIF signals.

Supported sampling frequencies are 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4 kHz or 192 kHz on any of the inputs, except Toslink which handles 96 kHz maximum. Maximum input wordlength is 24 bit.

## Digital outputs

(1) XLR connector, (1) RCA connector, (1) USB 2.0 connector. Professional channel status data on the XLR and RCA outputs.

## Main analogue outputs

(2) XLR connectors (hot on pin 2), DC coupled, short circuit proof output circuitry, output impedance 44  $\Omega$ , (2) RCA connectors, DC coupled, short circuit proof output circuitry, output impedance 22  $\Omega$ .

The output level is selectable via the web interface; 4 settings are provided as shown below.

### XLR Output

7.5 Vrms, +19.7 dBu, with a 0 dBFS sinewave input

2.3 Vrms, +9.7 dBu, with a 0 dBFS sinewave input

0.75 Vrms, -0.3 dBu, with a 0 dBFS sinewave input

0.23 Vrms, -10.3 dBu, with a 0 dBFS sinewave input

These levels are achieved with all faders / gain trims set to maximum level.

### RCA Output

3.75 Vrms, +13.7dBu, with a 0 dBFS sinewave input

1.15 Vrms, +3.7dBu, with a 0 dBFS sinewave input

0.375 Vrms, -6.3dBu, with a 0 dBFS sinewave input

0.115 Vrms, -16.3dBu, with a 0 dBFS sinewave input

These levels are achieved with all faders / gain trims set to maximum level.

## Synchronization

Synchronized via the input signal or the internal oscillator. Sampling frequencies: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz and 192 kHz. The external clock input on the BNC connector is not supported.

## Supported File Formats

WAV 44.1-192 kHz, 8-32 Bit, float, double

AIFF 44.1-192 kHz, 8-32 Bit, float, double

M4a/ALAC 44.1-192 kHz, 16-32 Bit

M4a/AAC 44.1-96 kHz

FLAC 44.1-192 kHz, 16-24 Bit (32 non tested/unknown)

## Dimensions

Depth: 30 cm / 11.8 inches

With: 45 cm / 17.7 inches

Height: 6.6 cm / 2.6 inches

Height with feet: 7.4 cm / 2.9 inches

## Power Supply

Two separate supplies are employed, one for the computer selection and another one for the digital and audio selection. The audio selection power supply uses toroidal transformer with a combination of switching and linear voltage regulators. The standby power is at very low 0.5 W maximum.

## Power

Mains voltage: 100–240 V, the mains voltage is automatically switched.

Fuse rating: 4 A slow blow for all mains voltages.

Power consumption: 50Wmax.

Power consumption in standby: 0.5Wmax.