

Audionet

OWNER'S MANUAL

ART V2

Aligned Resonance Transport Version 2

Owner's manual

The Audionet-Team would like to congratulate you for purchasing the 'ART V2'.

We recommend to read the owners manual very carefully so you are able to use all the features of the 'ART V2' and nothing could detract from the music experience.

Included

The delivery package contains:

- one transport/player Audionet 'ART V2'
- one remote control 'ART V2'
- a low resonance stabilizer made of black POM
- one standard power cord

Attention

Please transport the 'ART V2' *only* within the included package. Never leave a CD or the stabilizer in the 'ART' while transporting. The sensitive mechanics of the transport could be damaged.

The ART

‘ART V2’ stands for *Aligned Resonance Transport Version 2*.

Construction and design of the ‘ART V2’ are characterized by the principles of analogue transports.

‘ART V2’ is a direct driven mass transport and uses a magnetic stabilizer for smooth rotation of the compact disc.

The base of the ‘ART V2’ consists of a heavy granite stone plate weighting ten kilograms on which the electronic components and the clock circuit are mounted floating as well. The housing is made of a wooden top coated with grey varnish (NEXTEL) and a 2mm steel chassis that benefits of the resonance defeating mass of the granite plate for stability and smooth performance.

‘ART V2’ weighs approx. eighteen kilograms. The clock generator is mounted floating for protection from resonances to provide a maximum of independence of the internal clock from outer noise sources. As a result ‘clock jitter’ is avoided at the root.

The pick up unit is mounted within a 5mm thick mill-cut aluminium plate and fixed by high tension polyester straps within the wooden top.

Display

The display of the ‘ART V2’ is a vacuum fluorescent display that is emitting a red or blue light, depending on the fitting. In rooms with low ambient light best results will be achieved.

The display will inform you about the current state of the ‘ART V2’, i.e. the track number and the time position of the current track in minutes and seconds etc.

Care

Please allow the 'ART V2' to adapt to the climatic conditions in your room after transport. As known for every optical device low temperature and humidity may cause it to be covered with condensation. Leave the top of the 'ART V2' open for several hours before switching on the first time after transport.

Please always use a soft, lint-free cloth for cleaning the 'ART V2'.

Installation and connection

Placing the 'ART V2'

The 'ART V2' should be placed onto a high quality rack or stable table. Avoid exposure to direct sunlight. Do not place the 'ART V2' close to loudspeakers or in a corner of the room because in this places the maximum sound energy is to be found.

Audionet 'ART V2' has to be placed horizontal for achieving the optimal sound results. Please check this using a spirit-level.

Mains connection

Use the included power cord to connect the power plug to your wall socket. As being a CLASS I device the 'ART V2' needs to be earthed.

Internally the 'ART V2' has separate power supplies for the digital and the analog section each using two 50VA toroid transformers with several voltage stabilizers and fast discrete voltage regulators for a clean power supply of the transport unit and the D/A conversion unit.

Analog outputs

The analog outputs located at the back panel of the 'ART V2'. They provide the music in analog format.

Connect your 'ART V2' to a pre or main amplifier using high quality cinch connections.

The digital to analog conversion unit is equipped with a digital signal processor (DSP) which is used for oversampling filter calculations. You have the choice between two distinguished digital filters. Use the switch called 'digital filter' at the back panel.

With the switch being in position 'Audionet' a digital filter will be calculated with short rush in time and long decaying. This has the effect of a short transient time though achieving an excellent amplitude and phase linearity up to 20kHz.

While in position 'Lagrange' the impulse response of the digital filter is symmetrically. Transient and decay time are both very short leading to a frequency response with a slight amplitude degrading above 16kHz.

We recommend to chose the appropriate filter due to individual listing preferences.

Digital outputs

The output panel of the 'ART V2' offers you all important digital output standards for tonal relevance.

You have the following possibilities to connect the unit to a digital to analog converter:

- RCA: Cinch connection coaxial cord 75 ohms
- AES / EBU: Balanced connection 110 ohms
- BNC: BNC connection with coaxial cord 75 ohms

The outputs are electrically independent towards each other providing the opportunity to compare different cords easily.

In case of connecting an external digital to analog converter please ask your dealer for a high quality digital cord.

Using this cord you connect the 'ART V2' (digital outputs) with your D/A converter (digital inputs). The position of the switch signed 'digital filter' at the back panel does not interfere with the digital data stream at the digital outputs.

If you are using the 'ART V2' as CD player, i.e. using only the analog outputs, you can completely switch off the digital outputs by setting the switch 'Outputs' to position 'off'. This avoids sending out high frequency interferences leading to a better sound.

Operating

Please switch on the 'ART V2' by pushing the 'Power'- button on the front panel. The display at the front lightens up and shows 'disc'.

Push the top to the back and put a CD onto the spinning axis of the 'ART V2'. Fix it with the provided stabilizer. Then close the top and the 'ART V2' automatically reads the information track of the CD and displays number of tracks and total playing time.

You can now start playback with the remote control or the 'Play' button at the front panel.

Remote control

You can comfortably control the Audionet 'ART V2' from your listening position using the provided IR remote control. The batteries are located beneath a removable plate at the back side. Two batteries of the type 'MIGNON' are used.

The following functions are accessible with the corresponding buttons of the remote control:

0...9	Use buttons to select and play back a title directly.
>	Starts playback immediately. Pushing this button during playback restarts the actual track at its beginning.
<< , >>	Skip to the next or previous title. Can also be used to select the title to start playback from.
<< , >>	Press this buttons to fast-reverse/fast-forward the play position.
■ ■	Pause. Press again to resume playback at current position.
■	Press to stop playback or for deleting programs.
time	Toggle display between remaining and elapsed time of current track/entire CD
edit	Selects tracks according to selected length of tape (see appendix).
	Repeats track / program / CD.
clear	Used to delete selected titles from a program.
recall	Display the tracks in their programmed order.
mem	Toggle between program and continues playback.
rand	Toggle shuffle and continues playback.
ams	Automatically plays the first part of each track for ten seconds.
a - b	Used to set starting and stopping point of a passage for repeated playback.

Remote controlled function EDIT:

Simple edit

This operation fits tracks into a specified length while keeping the tracks in their original order.

1. Press the 'edit' button in stop mode to light up 'edit' indicator. The tape recording time display (90 min.) appears.
2. Specify the recording time of the used tape using the numeric buttons (0..9). The titles for each tape side are recalculated. The display shows the total length of the tape (e.g. 'C 90') and the *last* title for each tape side, e.g. A 12 B 20. This means, that track 12 is the last track on tape side A. Track 20 is the last for side B. An arrow behind the last track number for side B indicates, that not all track will fit on the tape.
3. Press the 'edit' button. The found settings are stored in the device. Press the 'play' button to start the playback of the CD. The playback starts with silence for 4 seconds to ensure that the blank space at the beginning of each tape is skipped. When the playback for side A is finished, the 'ART V2' returns to pause state.
4. To start playback for side B press the 'play' button again.

Program edit

This procedure allows you to record tracks in any desired order while fitting tracks into a specified tape length. Program tracks in the order you like. The rest of the program edit procedure is the same as steps 1 to 5

Tuning

Nowadays interested listeners experience tonal differences in using different analog, digital and power cords. In order to increase the value of your 'ART V2' you have the opportunity to use high performance signal cords. We strongly recommend using them. Also the musical experience is influenced by the use of high quality power cords and power supply filters. The possibilities are not limited.

Audionet offers you the right power cord to increase the sound of your 'ART V2'. This power cord has a wide diameter, is shielded against high frequency influences and has a high immunity to microphonic influence. You can purchase this power cord called '**AUDIONET APC**' (Audionet Power Cord) at your local Audionet dealer.

The Audionet - Team wishes you and your friends unforgettable hearing hours.

Precaution

- Prevent children playing with plastic bags!
- Please store and operate this unit in a dry room at reasonable room temperature
- Avoid moisture or any liquid to get into this unit
- Set up this unit in a free position. Do not cover the top.
- Do not open the case! No user serviceable parts inside. Unauthorised opening voids warranty!
- Do not short-circuit the output terminals!

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