

# NEO 6.2 SoundCore

Roth

High performance TV sound base  
totally connected for the 21st Century



The Neo 6.2 SoundCore is designed to act as the central hub for your home audio/visual products and to provide a high quality alternative to the loudspeakers in your flat-panel TV. To this end it has numerous input types that will accommodate all TVs and other audio devices. These also include Bluetooth aptX, a method by which you can stream audio wirelessly to the Neo from your mobile 'phone, laptop or tablet at high quality. In addition, Neo features Optical, Coax and 4 x HDMI inputs, analogue RCA and 3.5mm stereo inputs and for those that want some real bass power, a sub-woofer output.

The Roth NEO 6.2 SoundCore features an acoustic package comprising 6 full range drivers and 2 downward-firing bass drivers. Allied with these is a complex 3D DSP engine developed with Sonic Emotion. The sound processor module uses a combination of spatial analysis, wave field synthesis, physical acoustic modelling and psycho-acoustic treatment to produce an enjoyable and exciting 3D sound-image, with presets for Music, Movie and News (Voice).

The Roth NEO 6.2 SoundCore may be used with any size TV from 32" to 60", where it's compact styling should unobtrusively complement your TV and room décor.

Turn It Up.



# Roth NEO 6.2 SoundCore

## Input Sources

- Bluetooth
- Line-in (3.5mm)
- Optical
- Aux (RCA)
- Coaxial (RCA)
- HDMI 4 x input ports

## Bluetooth

- FiHonest CSR BCS solution supporting BT 2.1 SBC & Apt-x decoders
- Analogue differential output

## Line-in

- RCA input
- 500 mV RMS full scale input

## Aux-in

- 3.5mm stereo mini-jack
- 500 mV RMS full scale input

## Coaxial Input

- 500 mV p-p input
- SPDIF format
- Stereo
- Up to 96 KHz sample rate at up to 24 bit PCM data

## Optical

- SPDIF format
- Toslink compatible
- Stereo only
- Up to 96 KHz sample rate at up to 24 bit PCM data

## HDMI

- HDMI 1.4
- 4 x input ports, 1 output port
- ARC support
- CEC support
- 12 bit deep full HD, Full 3D and 4K2K video
- MHL 2.0
- Stereo PCM support.
- Will force to deliver only 2.0 PCM at 48KHz

In accordance with our policy of continuous development, we reserve the right to change specifications without notice. Photographs are for illustration only and actual product may vary. E&OE.

## Sub-out

- RCA connector, band-limited output
- 3rd order LPF, 100Hz
- 2v RMS output

## NFC

- Auto pairing for for handsets and tablets that support this function
- Antenna located behind Roth logo on front of unit
- Automatically switches on Roth NEO 6.2 SoundCore when in standby mode
- Switches the SoundCore to Bluetooth mode

## Amplifiers

- 6x10W capability @<0.1% THD+N
- 2x20W capability @<0.2% THD+N

## Signal Processing

- Sonic Emotion 3D DSP

## AC Power

- 'Internal PSU AC 100-240V – 1.5A 50-60Hz

## Keys

- 4 Tactile switches: Vol+, Vol-, Source, Standby

## Indicators

1 x RGB LED with the following indications

- Standby, LED is RED
- Bluetooth operation, LED is BLUE
- AUX in, LED is GREEN
- Line-in, LED is WHITE
- Coaxial, LED is YELLOW
- Optical operation, LED is PURPLE
- HDMI, LED is TURQUOISE

## Power

- Auto power off: 30 mins with audio not active

## Remote Control

- NEC protocol with up to 22 keys using infrared.
- 5 metre range with up to 30 degree incidence angle.

