



Internet radio [AudioPi]

When it comes to any internet radio, the audio is transmitted through the Internet. Therefore, it is necessary to have a device with internet access. There is an option of using not only the Internet radio as a receiver of internet broadcast stations, but also using a typical desktop computer, a notebook, a tablet computer, a smartphone, or an autoradio for the very same purpose. A great advantage of the Internet radio is having a possibility of tuning in to radio stations from around the world without any radio signal restrictions. One can choose from a list of internet stations according to genre, language, region, town, and many other criteria.

Characteristics of the model AudioPi V3:

- LCD screen displaying the following information:
 - the radio station or an audio file played
 - the name of an artist
 - the name of a song
- Voice notifications related of:
 - changes of IP address
 - synchronization of audio resources
- Dynamic web page with reference links for integrated application systems
- Wireless hotspot for the radio control
- Mobile app

Operating and indications of the model AudioPi V3:

- Smart microswitch [SBC]
 - SBC turn-on via pressing the white switch briefly
 - SBC power-off via pressing the red switch briefly
- State LED
 - Blue light signal indicates state of SBC device
- Volume control as well as management of music library and internet radio stations through the mobile app or a web browser

Hardware of the model AudioPi V3:

- Efficient SBC based on ARM platform
 - 1x CPU 1Core 1GHz
 - 1x RAM 512MB DDR
 - 1x LAN IEEE 802.11.b/g/n (2.4GHz)
- Integrated 5W speaker
 - 3W D class amplifier (MAX98357A)
- Integrated network power supply
 - AC/DC power supply unit 110/230V => 5V/1A (5W)

<http://audiopi.doit.sk>