

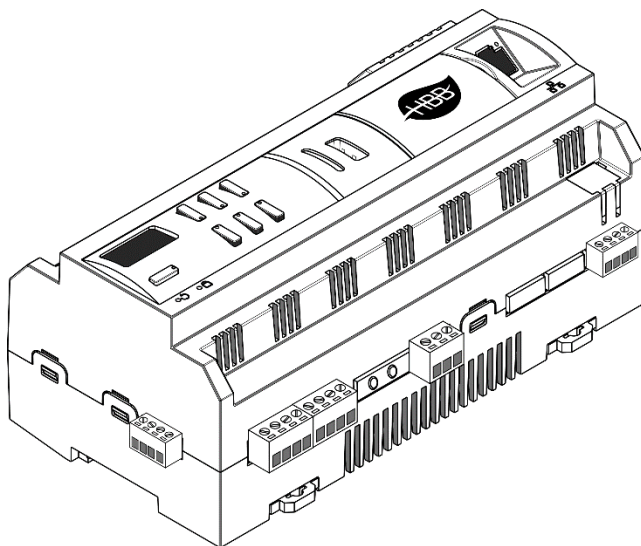
## Description

Playing music in home brings happiness and relaxing. Therefore, HBB produced a unique music system with universal BUS protocol based on global needs, which has a logical communication with smart home system.

HBB Music system plays music using different types of communication including USB, AUX, TF card and Bluetooth. Controlling from android and iOS applications, smart touch panels, smart touch switches, smart sensors, time scheduling, SMS and etc. It also has the ability to play alarm sounds like fire alarm or security breach alarm.

## Features

- USB port
- SD card
- AUX jack
- Bluetooth Low Energy (BLE) V4.2
- 30 Watts Amplified stereo outputs
- 3W output
- Isolated power supply
- OLED to show working and network status
- Supports mp3, wma, wav, ogg, acc and flac
- Control panel on HBB application
- Ethernet and Wi-Fi communication (RSIP)

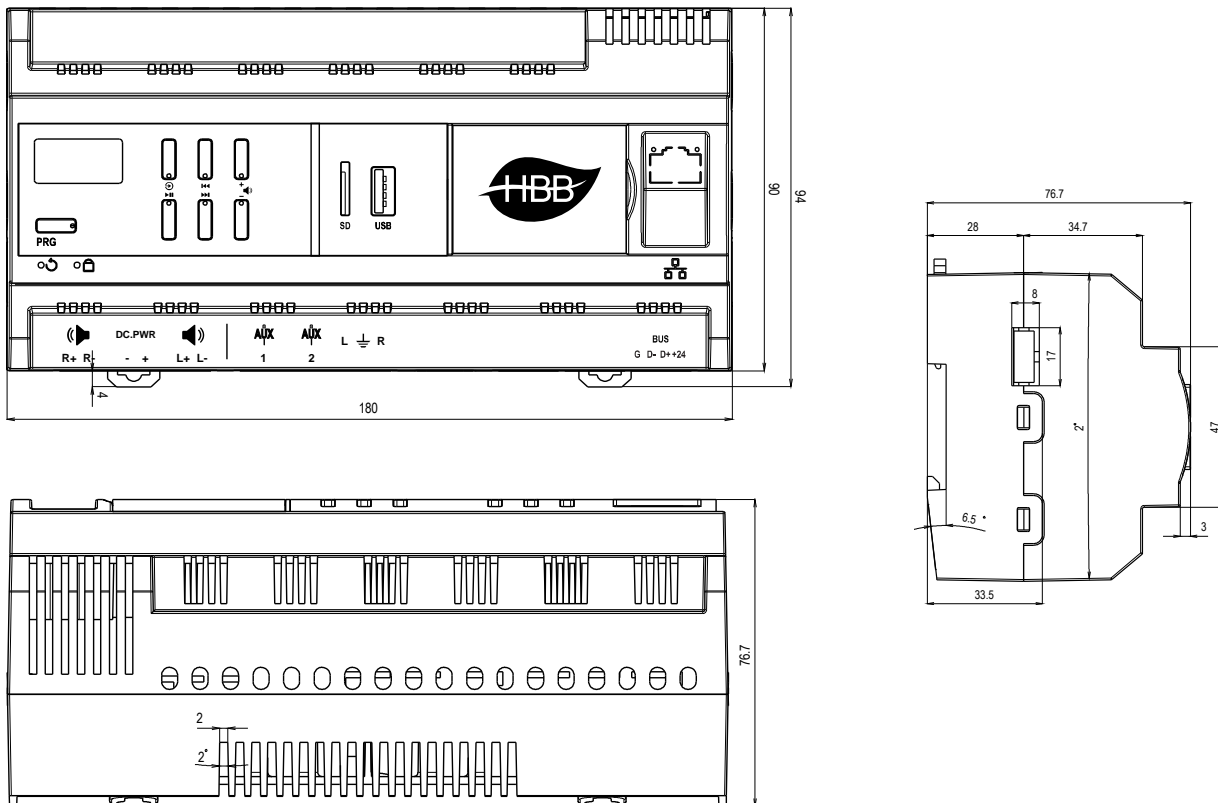


# H-Audio Pro

## Specifications

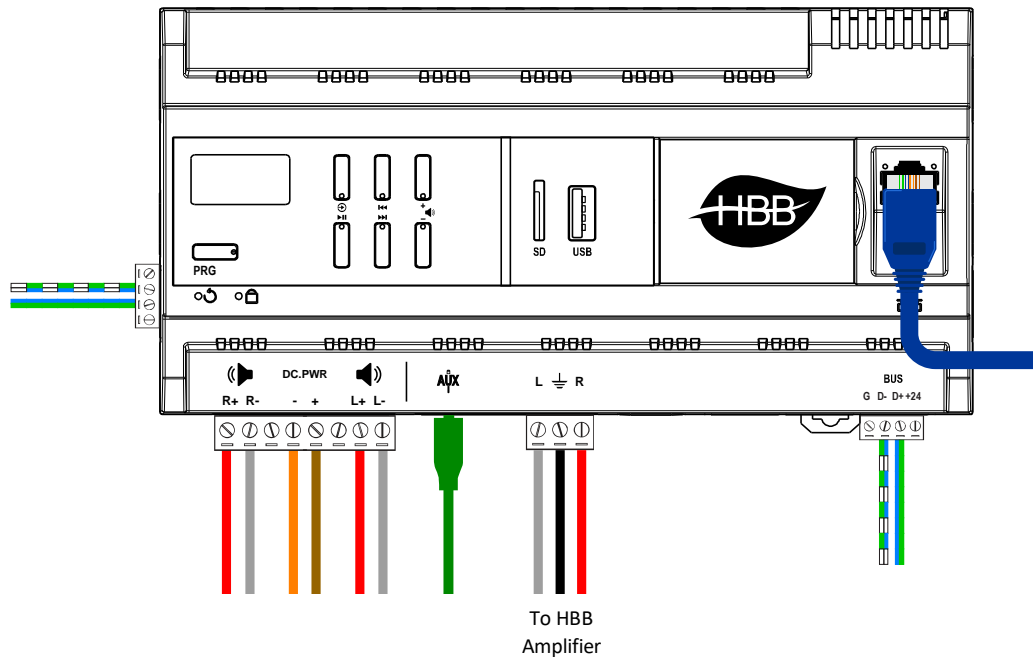
- Operating voltage: 15 ~ 24.5V DC
- Maximum operating current: 4.5 A
- Normal operating current: 2 A
- Outputs: 30 Watts Amplified stereo, 3 watts output
- Inputs: AUX jacks, TF card (micro SD), USB 2.0
- Communications: Ethernet LAN, Wi-Fi 2.4 GHz, H-BUS
- Operating Environment: 0° to 45°C ambient temperature 10% to 93% RH
- Installation: 35 mm DIN-Rail Mount Ready, wall mount ready (8P)
- Weight: 310 g
- Size: W 90 x L 180 x H 76.7 (mm)

## Dimensions (mm)



# H-Audio Pro

## Electrical diagram



**\*\*\* Do not connect more than 1 pair of speakers to the stereo outputs. If you need more speakers you have to add an Amplifier module.**

## Communication

|            |  |          |
|------------|--|----------|
| H.BUS GND  |  | orange   |
| H.BUS GND  |  | w/orange |
| H.BUS D+   |  | blue     |
| H.BUS D-   |  | w/blue   |
| H.BUS D+   |  | green    |
| H.BUS D-   |  | w/green  |
| H.BUS +24V |  | brown    |
| H.BUS +24V |  | w/brown  |

