eARC Soundbar Retail Audio Demonstrator
Quad-Core Processor With 10-bit UHD output of 60 FPS & 2.0 HDMI

The MP1508E provides a perfect sound bar demonstration solution using the latest HDMI eARC technology (Enhanced Audio Return Channel) to ensure that the highest quality of audio & video signals are sent on the demo sound bar. It allows customers to experience the full potential of eARC sound bars with immersive Dolby Atmos soundcacpes, right in the store.

Key Features

· Plays uncompressed high-resolution audio Dolby Atmos (TrueHD) and DTS:X;

· Works with the latest TVs and sound bars using eARC ports;

· Automatic lip sync correction, simplified setup without fuss ;

· 10-bit UHD 60fps video playback;

User Scenario
The MP1508E will auto play demo video files from on-board memory ,the root of SD card or USB drive in a loop. This attraction video is mute at default. Shoppers can press TV button to turn on the audio and send it to LCD TV, press volume buttons to adjust the right volume, and press sound bar button to toggle the audio into the soundbar (and re-toggled back to TV with a new press on TV button).The demo will be timeout to the default mute mode with volume reset if there is no user activation within X seconds, The playlist, timeout, and default volume level can be configured via a XML based configurator in the root of SD card.

Specification

Video Output:
v2.1 HDMI™ up to 4k/60Hz;
Status Display:
Power LED
Audio Output:
HDMI
Control I/O:
Upgrade x1;OTG USB; V+; V-; Micro SD card ;USB 2.0 Host x 1 ; On/Off ;12V DC-in x1; HDMI 2.1 x1; HDMI eARCx1; Push Button GPIO x 8; UARTx1;
Video Format Support:
H.265, HEVC MPEG2: MP@HL MPEG4.2: ASP@L5
MPEG4.10 (H.264): MP@L4.0
VC-1: AP@L3
WMV9
Graphics Format:
JPEG: Baseline, Progressive, GIF, PNG
Recommended resolution 1920x1080 full screen
Audio Format:
2-8 channels, all HDMI standard to 192 KHz 24bit;
Up to 32 channels with reduced sampling rates;
Dolby Digital (AC-3), AC-4,Dobly Digital Plus (E-AC-3),
Dolby TrueHD, Dolby Atmos;
DTS, DTS-HD Master Audio, DTS:X;
Processor:
CPU: Quad-core 64-bit ARM® Cortex™-A53 up to 2GHz
GPU: Penta-core ARM® Mali™-450

Memory & Storage Options:
RAM: 512M / 1GB;
ROM: 4 GB SD Card;
SD: 8, 16, 32, GB;
USB Drive: 2 to 32 GB;

Power:
Input voltage:12VDC (POE Optional)
Power dissipation: 6 watts (max)
AC/DC Adapter: 100-240 V 50/60Hz
Environment:
Operating Temp: 0 – 40o C
Operating Humidity: 80% max,
relative humidity, non-condensing
General:
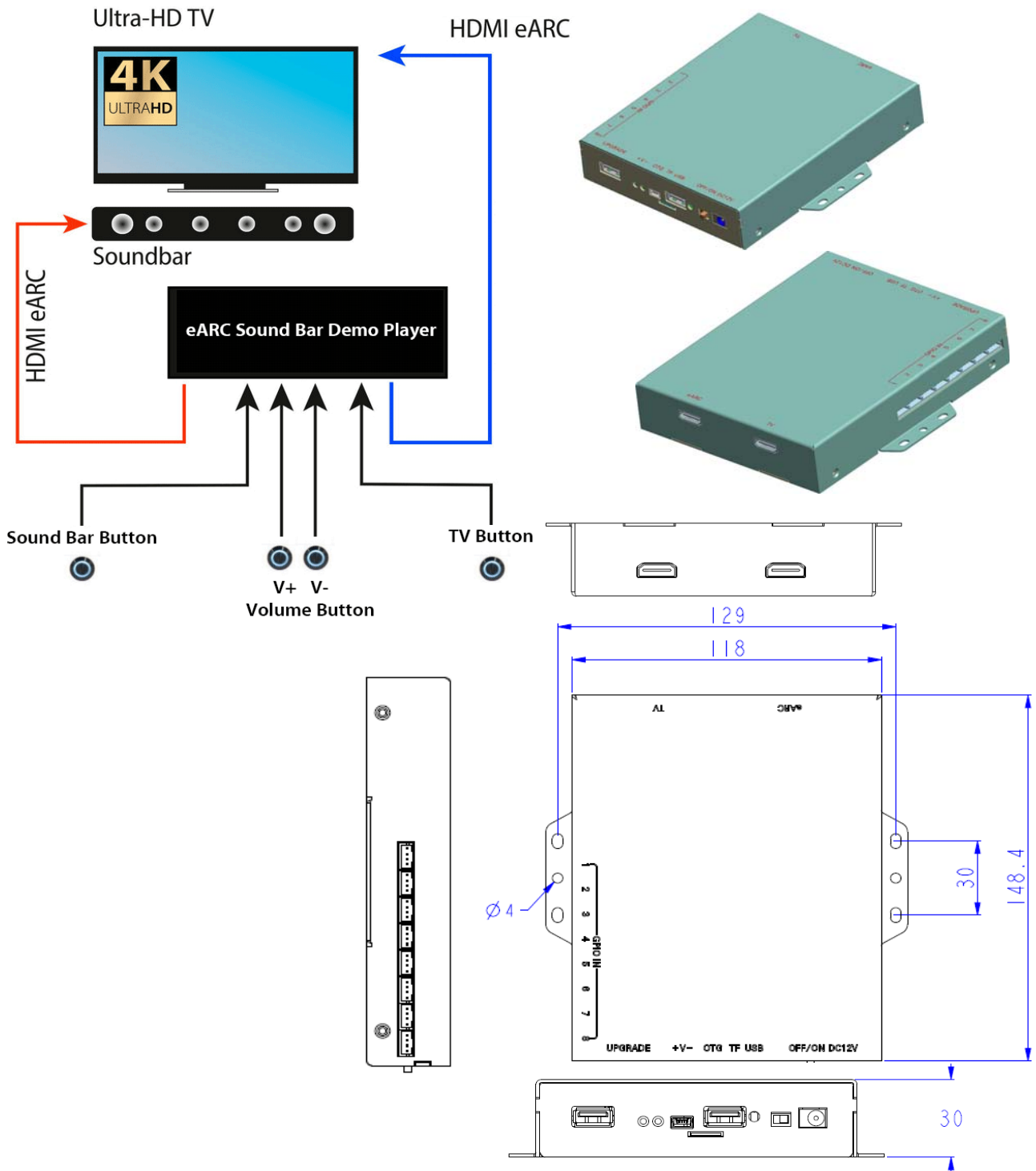Dimensions: 148.4(L)x129(W)x30(H)mm
Unit Weight: 635g
Accessories:
 AC Adapter, Soundbar Demonstration , Push buttons

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Ultra-HD TV

HDMI eARC

4K
ULTRA**HD**

Soundbar

HDMI eARC

eARC Sound Bar Demo Player

Sound Bar Button

V+ V−
Volume Button

TV Button

129
118
148.4
30
30
Ø4

TV   eARC

2 3 4 5 6 7   GPIO IN

UPGRADE   +V− OTG TF USB   OFF/ON DC12V

Ordering Options:

1# eARC Soundbar Demonstrator Unit Console x1;

2# AC Adapter x1;

3# LED illuminated Push Button 19mm Diameter Cap up to 5 pcs;