Dolby Accessibility Solution

Give every guest a spectacular Dolby experience

The Dolby Accessibility Solution is a complete and versatile cinema accessibility solution that is easy for exhibitors to install and maintain, and simple for customers to use. The Dolby Accessibility Solution integrates hearing impaired (HI) amplified audio, visually impaired narrative (VI-N) audio, and closed captions (CC) in real time on a single dedicated receiver. Dolby Accessibility Solution allows exhibitors to make their rooms accessible to all hard of hearing or visually impaired customers.

The Dolby Accessibility Solution works by wirelessly streaming HI audio, VI-N audio, and CC from any digital cinema package (DCP) that contains accessible content, avoiding synchronization issues associated with cloud-based solutions. The Dolby Accessibility Solution receivers can be configured to provide either CC display, HI on both ears, VI-N on both ears, or HI and VI-N together (one for each ear). These configurations allow guests to choose the experience they prefer. The Dolby Accessibility Solution consists of a server that connects to your digital cinema server and a single Wi-Fi-router that provides coverage for the receivers to be used from any seat in the auditorium. For especially large auditoriums, more than one Wi-Fi router can be used.

Key Features

- Cinema owned receiver with adjustable support arm that fits into most theater seat cup holders for individual use
- Touchscreen display with privacy filter to minimize distraction to other patrons
- Compatible with most digital cinema servers
- Supports content from SMPTE and INTEROP DCPs
- User can select from up to 6 CC languages depending on the languages contained in the DCP
- 6-hour rechargeable battery with easy-to-see battery level indicator
- Standard 3.5 mm stereo jack for cinema-supplied headphones or patron-owned headphones

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Specifications

Dolby Accessibility Solution Receiver

I/Os
1 × Micro USB for charging and data
1 x 3.5 mm TRRS stereo headphone connector
1 × Power button
1 × Volume Up/Down button
1 x 3.5 x 1.35 mm (positive center) DC input for charging

Control
5.5" touchscreen display
Wi-Fi – Dual band 2.4 GHz/5 GHz

Unit dimensions and weight
Unit dimensions (display): 6.2" H x 3.44" W x 0.9" D
(15.64 x 8.74 x 2.29 cm)
Unit Dimensions (total length with cup holder support): 28"
(71.1 cm)
Unit weight with cup holder: 2.5 lbs (1.1 kg)

Shipping dimensions and weight
Shipping Dimensions: 17.3" L x 12.2" W x 4.3" D
(44 x 31 x 11 cm)
Shipping Weight: 4.5 lbs (2.0 kg)

Power
Input: +5 V, 2 A, 10 W
Battery life: 6 hours

Operating conditions
Standard Operating temperature: 0° C to 40° C (32° F to 104° F)
Non-operating temperature: –10° C to 50° C (14° F to 122° F)
Standard operating Humidity: 10% to 80% noncondensing
Non-operating Humidity: 10% to 80% noncondensing

Certifications
FCC, MET, CE, ANATEL, ISED, CB, DOE, CEC, NRCAN and UKCA

Ordering Information
DAS-110 (Server)
DAS-200 (Receiver)
DAS-300-NA (Wi-Fi router – North America)
DAS-300-EU (Wi-Fi router – Europe)
DAS-300-UK (Wi-Fi router – United Kingdom)

Dolby Accessibility Solution Server

I/Os
1 × GB Ethernet (1000Base-T / RJ-45) for Control
1 x GB Ethernet (1000Base-T / RJ45) for Wi-Fi network
2 × USB 3.0
2 × USB 2.0
1 × HDMI® 2.0 display output
2 x 2-channel S/PDIF inputs from Cinema Server (RCA Female)

Control
Web-based user interface

Unit dimensions and weight
Unit Dimensions: 8.1" L x 8.1" W x 2.2" D
(20.6 x 20.6 x 5.6 cm)
Unit Weight: 2.7 lbs (1.2 kg)

Shipping dimensions and weight
Shipping Dimensions: 10" L x 10.5" W x 7.5" D
(25.4 x 26.7 x 19.1 cm)
Shipping Weight: 6.8 lbs (3.1 kg)

Power
Adapter Input: 100-240 VAC, 1.6 A, 50 – 60 Hz
Adapter Output: 12 VDC, 3 A-5 A, 36 W-60 W
Power Consumption: Average 6W-12W, Maximum 18 W
BTU Rating: 67 BTU/h

Operating conditions
Standard Operating temperature: 0°C to 50°C (32° F to 122° F)
Non-operating temperature: – 20° C to 70° C (– 4° F to 158° F)
Standard operating Humidity: 8% to 90% noncondensing
Non-operating Humidity: 5% to 95% noncondensing

Certifications
UL, FCC, CE, EAC, C-Tick, RoHS

Dolby Accessibility Solution Server (DAS-110)