

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 audio on both ears, CC display and HI audio simultaneously, VI-N audio on both ears, or HI audio on the left ear and VI-N audio on the right ear at the same time. 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





Dolby Accessibility Solution

Specifications

Dolby Accessibility Solution Receiver

I/Os

- 1 × Micro USB for charging and data
- 1 × 3.5 mm TRRS stereo headphone connector
- 1 × Power button
- 1 × Volume Up/Down button
- 1 × 3.5 × 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 × 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)

