

Features

- “Smart” remote control
- Physical dial with bright OLED
- Simple intuitive user interface

Hardware

- Espressif ESP32 dual-core SoC
- BT/Wi-Fi control
- 480 x 480 color LCD
- Heavy aluminium base
- USB powered

Applications

- User-friendly physical control dial
- Multi-Device control
- Wireless control of miniDSP unit
- Roon Controller

miniDSP is excited to introduce the **KD-1** (short for **K**ontrol **D**ial 1), its inaugural “smart” remote control device. The **KD-1** is designed to manage a variety of miniDSP products via low-energy Bluetooth (BLE) or Wi-Fi.

The **KD-1** is compatible with the miniDSP Flex, Flex Eight, SHD Series and Tide16. Beyond volume control, the **KD-1** allows users to manage mute functions, source selection and preset selection. With the SHD Series, the KD-1 provides media information from Volumio streamed sources. Last but not least, the latest KD-1 firmware adds Roon control. Authorize your KD-1 with your Roon server and it will scan for devices to control. No extra bridge, no extra hardware, no extra licenses.

Featuring a physical control dial and an intuitive, colorful user interface, the **KD-1** is poised to enhance control of your audio systems!

**HARDWARE SPECIFICATIONS**

Item	Description
CPU	Espressif ESP32S3 dual-core SoC (system-on-chip)
Communications	Bluetooth low energy (BLE) 4.2, 2.4 GHz Wi-Fi (802.11 b/g/n)
Functions supported	Volume, mute, source selection, preset select, Dirac Live on/off (Flex only, and if activated on device) Volumio control for SHD Series (Volume/Playback) Roon zone control (Volume/Playback control)
Supported devices (July 2026)	Flex and Flex DL (2-input 4-output version) Flex Eight and Flex Eight DL SHD Series (SHD/SHD Studio/SHD Power) Tide16 Any Roon Powered system
Dimensions (H x W x D) mm	100 x 100 x 35 mm, 320g
Accessories	USB-C cable

USER INTERFACE

Default Layout

Source Selection

Discovery Layout

Media Layout

