



DEQ830 Digital EQ Product Overview



Product Description

The Alesis DEQ830 packs 8 independent channels of 30-band digital EQ, a spectrum analyzer, and 8 channels of analog and digital I/O into an affordable, 1-U rack mount package.

The DEQ830 features 8 channels of 1/4" TRS balanced I/O (+4/-10 switchable) with 24-bit AD/DA conversion. There are also 8 channels of ADAT Optical I/O, as well as MIDI I/O.

150 presets are included: 50 curve templates and 100 user rewritable programs. Operation is fast and intuitive, and a 30x13 LED matrix shows detailed EQ curves, as well as spectrum analysis of any of the 8 channels.

Positioning

The DEQ830 stands alone as the only 8-channel digital graphic equalizer and spectrum analyzer with full analog and digital I/O in a single rack space package.

Applications

Featuring 8 independent channels, the DEQ830 is the superlative EQ solution for

- surround sound
- multi-monitor studio, PA, and installation applications

The DEQ830 can be used for multiple simultaneous stereo/mono applications:

- "Tune" studio monitors and club or mobile DJ loudspeakers
- EQ individual instrument tracks
- Adjust balance of final mixes
- Flavor final mixes with presets like "R&B Radio"
- Check the integrity of a mix through presets like "AM Radio"
- Real-time frequency analysis
- 8 channels of 24-bit A/D and D/A conversion!

Key Features and Benefits

- 1) 8 channels of digital graphic EQ
 - 28-bit internal processing for precise equalization
 - 30 bands per channel, spanning 22 Hz to 22 kHz for meticulous, full-bandwidth equalization
 - 8 channels enable surround sound and multiple stereo/mono processing
- 2) Includes 150 EQ curve presets
 - 50 templates allow quick start for any application
 - 100 user-programmable locations for recalling EQ setups
- 3) Large LED matrix and display
 - 13 segments per band for thorough visual feedback
 - Numeric values show .5dB increments for precise tweaks
 - 8 channel-select buttons with 10-segment LEDs per channel
- 4) RTA function
 - 30-band real-time analyzer displays frequency levels of any channel for informed control
- 5) EQ lock mode
 - Prevents EQ setting changes
 - EQ security for live sound, control room tuning, installations, and other "set and forget" situations

Weight and Dimensions

Weight: 3.0 lbs. (1.4 kg)
Dimensions (H x W x D): 1.75" x 19" x 5"
Rack spaces: 1U