

In 1996, Zaxcom introduced the world's first portable production hard disk recorder. Since then, the Academy Award winning Deva recorder transformed the process of audio recording for motion picture, sound effects and television production forever.

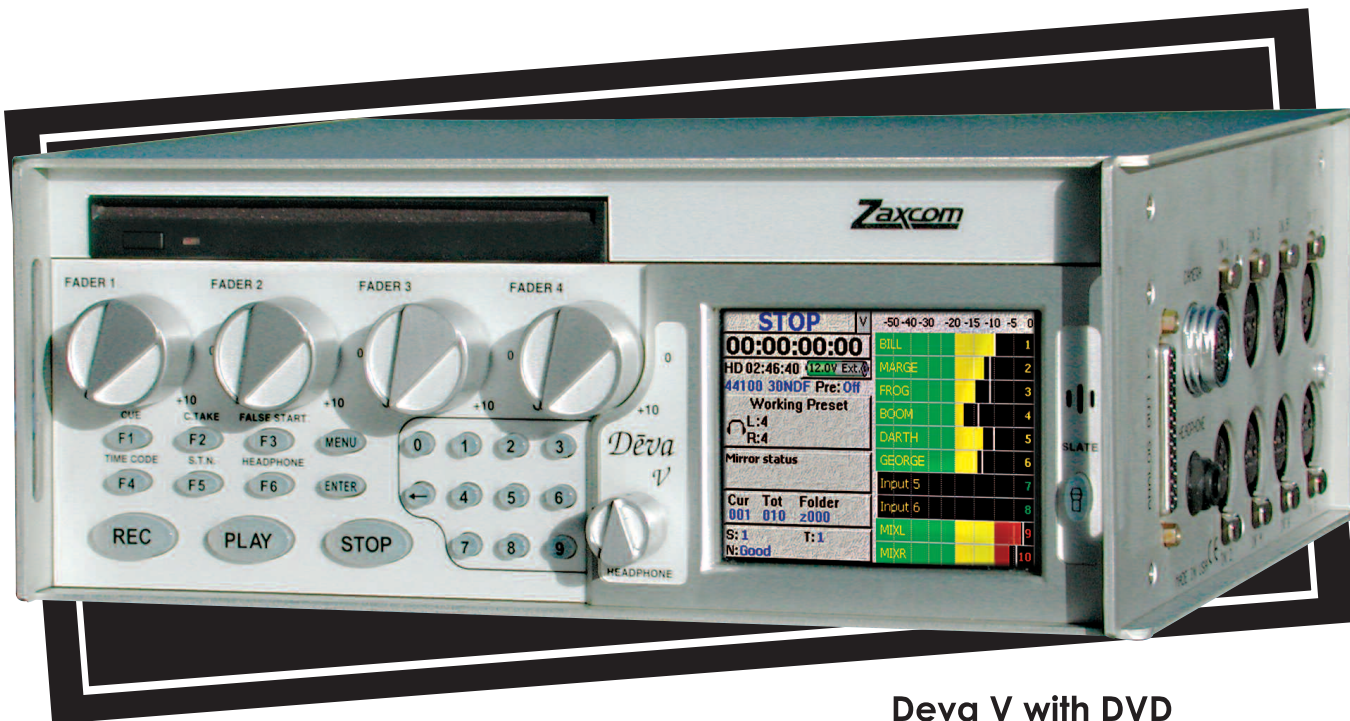
Deva



Deva V

KEY FEATURES

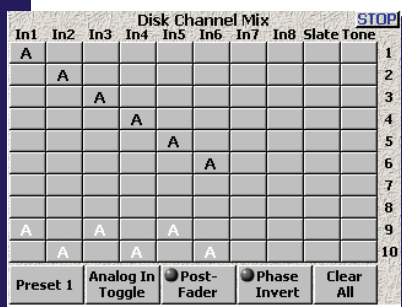
- Direct to hard disk recording with backup to DVD-RAM is the most reliable way to record location audio. Every day the Deva recording system gives you piece of mind knowing that temperature, humidity, motion and environmental contamination have no effect on the recordings you will make to a sealed hard disk recorder.
- Fault tolerant multi-disk recording with automatic file recovery ensures that you deliver every bit of recorded audio even up to the point of unexpected power failure.
- The Deva allows you to keep your recorded audio on the set, allowing production to instantly reference previous recordings. Disputes with post regarding recording issues can be immediately cleared up and extra copies of recorded audio can be produced in the case of lost, damaged or stolen material.
- The 123 dB dynamic range analog to digital converters provide the highest audio quality of any field recorder.
- The Deva is small enough and light enough to be comfortable in over-the-shoulder applications.
- The display and all controls are mounted on the top of the unit making over the shoulder and cart use convenient.
- Large high-resolution color meters provide a precise indication of recording levels not available on any other recorder.
- Scene, Take, Note and roll number metadata can be entered into the Deva using the color touch screen display, the Deva Mix-12 or an external PS2 keyboard. This data becomes part of the file and is automatically imported into the Avid™ post production system. All metadata is easily edited on the Deva to ensure post gets the correct info for each take.
- Deva offers direct Avid™ and Protools™ compatibility, saving a tremendous amount of time loading files in post production.



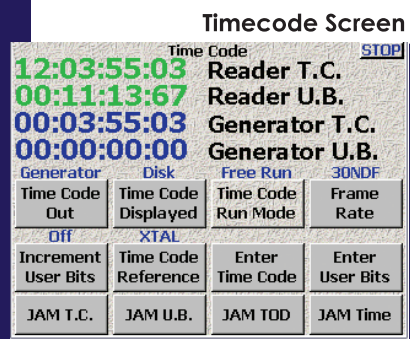
Deva V with DVD

- Circle takes and false starts are quickly identified with direct hardware keys.
- Infinitely flexible internal 16 input and 20 bus digital mixer is a must for surround recording.
- The color touch screen makes the Deva the most intuitive and powerful recorder available. It is the most direct and flexible method to control a location recorder.
- Analog input limiters provide protection against harsh digital clipping.
- Total fader flexibility allows the 4 mixing knobs to control any combination of the 16 inputs or teamed with the Deva Mix-12 all 16 of the Devas inputs are controlled with 12 Penny & Gilles faders and the 4 rotary faders on the Deva.
- Maintenance-free design and an instantly replaceable hard disk and DVD-RAM drive keep the Deva in your hands, not ours.
- Flexible headphone monitoring including M-S matrix, numerous factory presets, personal presets and a Soundfield™ Decoder (Deva V) let you listen to what you need to hear.
- Power switches automatically from external to internal in the case of external power loss.
- The pre-record function means you will never miss the start of a take. It allows for up to 10 seconds of audio to be recorded before the record button is pressed. Timecode is automatically recalculated to assure sub frame accuracy.
- The Deva incorporates the necessary phase coherent digital mixing and fader master capability to successfully record surround in the field. 3D sound reproduction is very dependent on time, phase and amplitude, a surround microphone and the Deva is all that is necessary to capture the audio world in 3D.
- The Deva is the key to the most advanced location recording system ever built. With Zaxcom Digital Wireless, the Deva Mix-12 digital mixer and the Deva you will be recording the highest quality sound for years to come.

SPECIFICATIONS



Disk Mix Screen



Display: Full color LCD

Meters: Vertical or horizontal, user selectable

DATA STORAGE

Internal: Hard drive & optional Internal DVD-RAM backup

External: Disk interface: IEEE 1394 firewire port with host mode control (supports FW DVD-RAM or HD)

Firewire host power: 15 Watts

Pre-record: 10 seconds

FILE FORMATS

Internal: Mobile Audio Recording Format (MARF) II

External: Fat 32, UDF operating system writing Broadcast wav mono or poly or .ZAX

File Resolution: 24 bit or 16 bit selectable

Sample rate: 44100, 47952, 48000, 48048, 88200, 96000, 96096

World clock output to drive external mixers

Full featured timecode reader / generator

Timecode rates: 23.976, 24, 25, 29.97 DF, 29.97 NDF, 30 DF, 30 NDF

INPUTS

8 Analog

Connector

Dynamic Range

Mic Level Range

Line Level Range

Digital

Mic/Line balanced with
48 V phantom power

XLR

123 dB

-56 dBu to -26 dBu

-26 dBu to +8 dBu

4 AES pairs (8 channels)

OUTPUTS

6 Analog

Connector

Digital

Mixer busses Deva V

Mixer busses Deva IV

Balanced 0 dBu at

-20 dB FS digital

DB25 with XLR breakout

4 AES pairs (8 channels)

16 inputs to 20 output

16 inputs to 18 output

Dynamic Range: 123 dBu

Frequency Response: 20 Hz to 22 KHz

Input Clipping Level: +28 dBu

Line Output Clipping Level: +20 dBu

A-D / D-A Conversion size: 24 bit

Internal data path: 32 bit floating point

Head Room: Selectable 12 – 20 dB

Built-in Slate Mic

THD + Noise: .0001%

High-Pass Filters: 20 to 250 Hz, 6 dB per octave

Mic Powering: 48 V Phantom

Input Limiters: Yes

Operating Temperature: -20 C to 60 C

Weight: 5 lbs. no battery

DIMENSIONS

Deva: 3.2" x 10.6" x 7.7"

Deva w/ DVD: 4.0" x 10.6" x 7.7"

POWER

Internal NP1 12 – 16 V – 4 hours usage

External 10 – 16 VDC

Battery meter on LCD display

PS2 Port: Supports Zaxcom recommended PS2 compatible keyboards

Deva

Deva IV – 8 track recorder, max sample rate
96 KHz

Deva V – 10 track recorder, max sample rate
192 KHz, Soundfield™ decoder

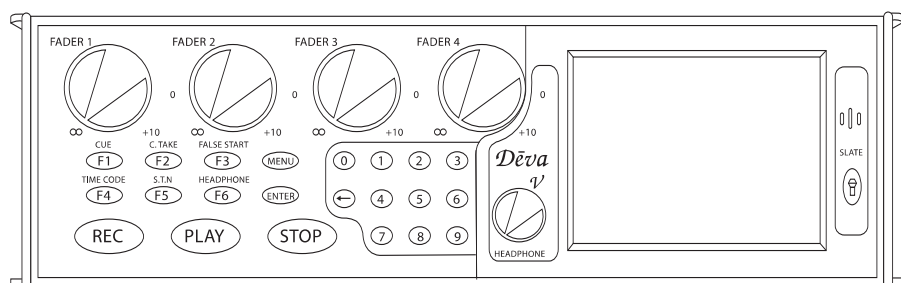
OPTIONAL ACCESSORIES

Internal DVD Drive
Hard drive caddy
Analog Input cables
Deva docking station

Also available:

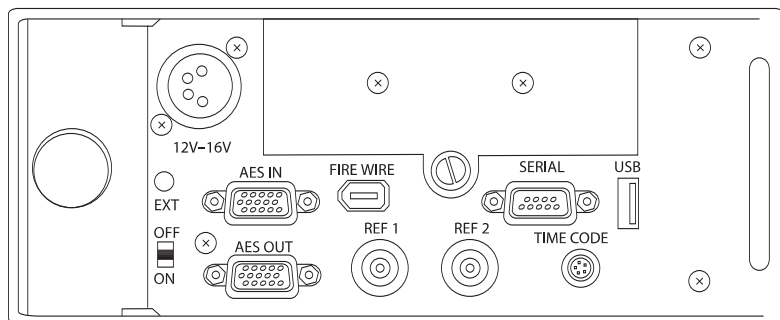
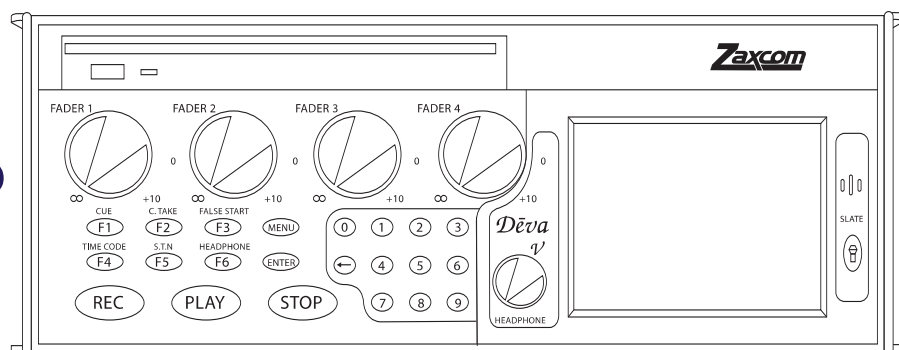
Deva Mix-12

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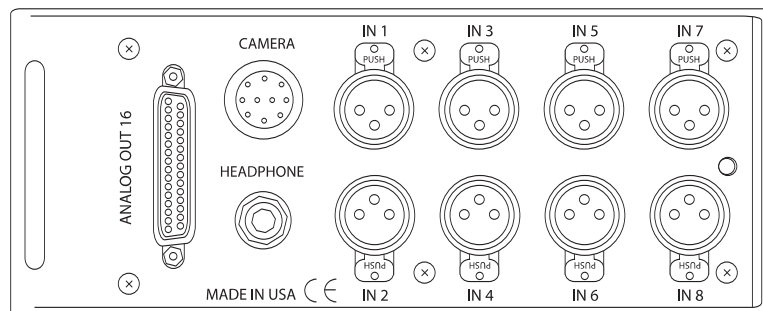
Deva V

Deva V with DVD



Digital I/O

Analog I/O



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