CDSA SE CD/SACD PLAYER

emm Labs SE

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Says company founder Ed Meitner about the CDSA SE CD/SACD player:

"Basically, it's the sum of our collective experience in digital audio wrapped in a single box."

Indeed, this single-box, dual format player incorporates groundbreaking thinking and technology.

For example, the CDSA SE doesn't merely upsample CD audio to SACD. *It upsamples to double the SACD standard sampling rate,* making CDs, not surprisingly, sound remarkably like SACDs. This seemingly impossible task is made possible by our unique Meitner Digital Audio Translator (MDAT™) signal processing technology.

Another important development—the world's first and only discrete dual differential D-to-A conversion circuit. Rather than depend on mass-market, off-the-shelf converter chips (with all their inherent compromises and limitations) we developed our own proprietary conversion circuitry that's utterly free from the differential non-linearities present in every D/A chip created to date.

The CDSA SE also features our new aerospace-grade composite laminate circuit boards. These provide several performance advantages over conventional boards:

- Copper traces are microscopically smooth on top and bottom, significantly reducing skin effect issues
- Naturally damped sandwich construction offers superior strength and vibration resistance
- Lower dielectric losses and superior heat conduction ensure a more uniform temperature gradient across the circuitry, increasing stability and longevity

All of this makes the CDSA SE
the most innovative and sophisticated
CD/SACD player ever created.
These are things you can't necessarily see.
But they sure are easy to hear.

KEY FEATURES:

- Meitner Digital Audio Translator (MDAT™) signal processing technology
- Proprietary discrete dual differential D-to-A conversion circuit
- Exclusive composite laminate circuit boards
- Multifunction infrared remote control
- Remote-controllable polarity inversion performed in the digital domain
- User-selectable rear-panel audio output level control switch
- USB port for future software upgrades
- Solid aluminum chassis extensively treated with vibration control material
- Power supply
  - Power factor corrected
  - Factory set to 100V or 115V or 230V, 50/60Hz
  - Power consumption: max. 40 W

Digital output: AES/EBU
Stereo analog outputs: XLR and RCA
Output impedance: 300 ohms balanced (XLR)
150 ohms unbalanced (RCA)
Two user selectable output levels:
Low position: XLR outputs: 4V (+14.38 dBu)
RCA outputs: 2V (+8.353 dBu)
High position: XLR outputs: 7.2V (+19.38 dBu)
RCA outputs: 3.6V (+13.34 dBu)
Dimensions: W x D x H: 435 x 400 x 140mm
Weight: 12kg

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For the studio. For the home. For the music.