

ESOTERIC

X-03  
Special Edition

# Special Edition

Super Audio CD/CD Player

X-03 Special Edition



Universal Player

UX-3 Special Edition





ESOTERIC

UX-3  
Special Edition

## *Special Edition*

The "X-03 Special Edition" and "UX-3 Special Edition" have evolved from Esoteric's X-03 and UX-3. These 2 models represent the latest generation of the "3" series line-up and incorporate enhancements found in Esoteric's flagship series, the "P-01/D-01" separate component system. Audio output terminals (L/R) and digital audio output terminals are upgraded to WBT "nextgen" connectors for higher quality signal transmission. Main internal wiring has evolved to 6N copper class, providing a more natural audio signal path. Furthermore, these models feature X-01 / UX-1 style thick aluminum side and top panels providing a more rigid and attractive cabinet..

An exquisitely engraved "ESOTERIC" logo and the "Special Edition" gold emblems are found on the top panel indicating these enhancements.

Enhanced technology from Esoteric has now allowed us to the present to you the UX-3 SE and the X-03 SE.

Super Audio CD/CD Player  
**X-03 Special Edition**



Universal Player  
**UX-3 Special Edition**



Content of Improvements

Main internal wiring has been upgraded to "6N copper class," providing a highly accurate signal path for enhanced audio reproduction! By upgrading to high purity 6N copper class wire, X-03 audio resolution characteristics and "acoustic texturing" improves. This wiring was jointly developed with Mitsubishi Cable Industries, Ltd. and Acro Japan Ltd. Other improvements include internal connections and power cables, adopted from the Esoteric P-01/D-01 "flagship" system.

Upgraded audio output circuits influence & improve performance of the D to A signal converter.

Through the use of upgraded capacitors and resistors, like those used in the P-01/D-01 system design, Esoteric has enhanced both DAC and analog output stage audio performance.

This provides superior ambience and "presence," creating more of an "open air" listening experience. These improvements allow a more "natural impact," and perceived depth of field is improved.

Audio output terminals (L/R) and digital audio output terminals are upgraded to RCA "nextgen" terminal connectors, as provided by Germany's WBT Company.

These terminal upgrades to model "WBT-0 210Cu," RCA's next generation connectors, provide higher performance for both audio output applications. Typically, lower grade connector plates touch a "cold side." Electrically this is assumed to be an open structure by contact



at that point. The RCA "nextogen" connectors eliminate adverse effects generated by an open structure and noise such as eddy current is greatly reduced or eliminated. Additionally, digital transmission in combination with a new high-level, digital cable, one that guarantees 75 Ω impedance is now utilized. This allows better control of signal attenuation due impedance fluctuation. This adds additional sonic improvement noticeable within a listening environment.

Thick aluminum side / top panels

These two special edition models feature X-01 / UX-1 style thick aluminum side / top panels. An "ESOTERIC" logo is exquisitely engraved on the top panel and the "Special Edition" gold emblem on the top panel indicates that these two models are truly a special evolution from the X-03 and UX-3.

X - 0 3 S E M a i n S p e c i f i c a t i o n s



**General**

**System:** Super Audio CD and CD  
**Power supply:** AC 230V, 50Hz (Europe model) / AC 120V, 60Hz (U.S.A./Canada model) / AC 220V, 60Hz (Korea model)  
**Power consumption:** 40W  
**Weight:** 23.6kg (52.1lbs)  
**External dimensions (W x H x D):**  
 442 x 153 x 353 mm (17-3/8" x 6" x 13-7/8")

**Audio output (Analog Audio)**

**Jacks:** XLR jacks (2channel) x 1, RCA jacks (2channel) x 1  
**Maximum Output level (1kHz, full scale)**  
 RCA: 2.5Vrms (47kΩ) XLR: 2.5 Vrms (600Ω)  
**Nominal Output level (1kHz, full scale -20dB)**  
 RCA: 250mVrms (47kΩ) XLR: 250 mVrms (600Ω)  
**Frequency response:** 5Hz - 58 kHz (Super Audio CD)  
**Signal-to-Noise Ratio (S/N):** 112dB (Super Audio CD, 1kHz)  
**Dynamic range:** 106dB (Super Audio CD, 1kHz)  
**Total harmonic distortion:** 0.001% (Super Audio CD, 1kHz)

**Audio output (Digital Audio)**

**OPTICAL:** Optical digital jack x 1, -15 to -21dBm  
**COAXIAL:** RCA jack x 1, 0.5Vp-p/75Ω  
**i.LINK:** IEEE1394 jack x 1

**Word Synchronization input format**

**Jack:** BNC x 1

The main unit can accept and synchronize to the following frequencies received from external devices: 44.1kHz, 88.2kHz, 100kHz, 176.4kHz (rectangular wave)

U X - 3 S E M a i n S p e c i f i c a t i o n s



**General**

**System:** DVD-Video, DVD-Audio, DVD-R/RW, Video-CD, Super Audio CD, and CD  
**Power supply:** AC 230V, 50Hz (Europe model) / AC 120V, 60Hz (U.S.A./Canada model) / AC 220V, 60Hz (Korea model)  
**Power consumption:** 45W  
**Weight:** 23.8 kg (52.5 lbs)  
**External dimensions (W x H x D):**  
 442 x 153 x 353 mm (17-3/8" x 6" x 13-7/8")

**Component video output (Y, PB, PR)**

**Y-Output level:** 1.0 Vp-p (75Ω)  
**PB, PR-Output level:** 0.7 Vp-p (75Ω)  
**Jacks:** BNC jacks

**D1/D2 video output (Y, PB, PR)**

**Y-Output level:** 1.0 Vp-p (75Ω)  
**PB, PR-Output level:** 0.7 Vp-p (75Ω)  
**Jacks:** D terminal

**DVI-D video output (HDCP compatible digital RGB)**

**Jacks:** DVID 24pin (conform to TMDS, single link only)

**Audio output (Analog Audio)**

**Jacks:** XLR jacks (2channel) x 1, RCA jacks (2channel) x 1  
**Maximum Output level (1kHz, full scale)**  
 RCA: 2.5Vrms (47kΩ) XLR: 2.5 Vrms (600Ω)  
**Nominal Output level (1kHz, full scale -20dB)**  
 RCA: 250 mVrms (47kΩ) XLR: 250 mVrms (600Ω)

**Frequency response:** 5Hz - 80 kHz (DVD-Audio)

**Signal-to-Noise Ratio (S/N):** 112 dB (Super Audio CD, 1kHz)  
**Dynamic range:** 106 dB (Super Audio CD, 1kHz)  
**Total harmonic distortion:** 0.001% (Super Audio CD, 1kHz)  
**Decodable format:** DTS, DTS 96/24, Dolby Digital PCM 44.1kHz-192kHz/16-24 bit, DSD

**Audio output (Digital Audio)**

**OPTICAL:** Optical digital jack x 1, -15 to -21dBm  
**COAXIAL:** RCA jack x 1, 0.5Vp-p/75Ω  
**i.LINK:** IEEE1394 jack x 1

**Word Synchronization input format**

**Jack:** BNC x 1

The main unit can accept and synchronize to the following frequencies received from external devices: 44.1kHz, 48kHz, 88.2kHz, 96kHz, 100kHz, 176.4kHz, 192kHz as well as frequencies which are 96% of these values, in the 4% DOWN mode.

- If the display is not HDCP-compliant, video playback may not occur.
  - UX-3SE doesn't correspond to CPRM(Content Protection for Recordable Media). The discs that were recorded with copy-once only permission cannot be played.
  - X-03SE/UX-3SE corresponds to copyright protection system DTCP. Both the player and D/A converter should correspond to DTCP to play back Super Audio CD and DVD Audio by using i.LINK.
  - Region Number of DVD Video discs: DVD players and discs are designed with region numbers that dictate the regions in which a disc can be played.
  - If the region number on the disc you want to play does not match the region number of your DVD player, you will not be able to play the disc.
- UX-3SE: U.S.A., Canada model: region 1 / Europe, Japan model: region 2 / Korea model: region 3



**TEAC ESOTERIC COMPANY**

3-7-3, Nakacho, Musashino-shi, Tokyo 180-8550, Japan  
 Fax: (0422)-52-5132 [www.teac.co.jp/av/](http://www.teac.co.jp/av/)



Please note that Esoteric products are available at limited distributors in respective countries. "Esoteric" "VRDS" and "VRDS-NEO" are trademarks of TEAC Corporation. ©2006 TEAC Corporation. All Rights Reserved. All text, images, graphics and other materials on this catalogue are subject to the copyright and other intellectual property rights of TEAC Corporation. These materials shall not directly or indirectly be published, reproduced, modified or distributed in any medium. Design and specifications are subject to change without notice.

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.  
 "DTS" and "DTS Digital DTS96/27" are trademarks of Digital Theater Systems, Inc.  
 "DCCI" is a trademark of Genesis Microchip, Inc.  
 "DVD" Logo is a trademark of DVD Format/Logo Licensing Corporation.  
 "Super Audio CD" is a registered trademark. "i.LINK" and "i.LINK" Logo are trademarks.  
 All other brand or product names are trademarks or registered trademarks of their respective holders.