

lucid

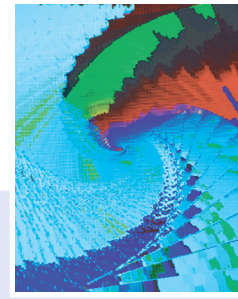
AESx4, SPDIFx7, GENx6 & CLKx6 Digital Audio Distribution Units

Wouldn't it be great if all your gear would play nice? If they'd just make friends with the box next door, plus those three across the room. Wouldn't life be simpler if every time some new digital toy turned your head, it didn't require a studio remodel in the morning?

Lucid is here to help. With four new distribution specialists, you can circulate audio and sync all around your studio, no questions asked. Simplest of the bunch, the AESx4 and the CLKx6 take the audio at their inputs and distribute it to multiple, same-format destinations. The AESx4 receives either Word Clock or AES audio and delivers it to four AES-connected units. The CLKx6 passes sync information, in Word Clock or Superclock format, to 6 parallel outputs.

Two additional units come with a few more tricks. The SPDIFx7 can take S/PDIF stereo audio and feed to it four S/PDIF, two TOSLINK optical, and 1 AES outputs. Distribution in multiple formats is simultaneous. The GENx6 can distribute or generate sync information. It routes Word Clock or Superclock to six BNC outs. With the flip of a switch it operates as a stand-alone clock source, generating Word Clock or Superclock at 44.1 kHz or 48 kHz.

Expand your studio without fear of gear misbehavior, using digital distros from Lucid.



KEY FEATURES

AESx4 Distribution Amplifier

- 1 Word Clock and 1 AES3 input to 4 parallel AES3 outputs
- Supports all AES3 audio or Word Clock data using 110 ohm line drivers

SPDIFx7 Distribution Amplifier

- 1 RCA input to 4 RCA, 2 TOSLINK, and 1 AES3 outputs
- Simultaneous output in multiple formats

GENx6 Word/Super Clock Generator

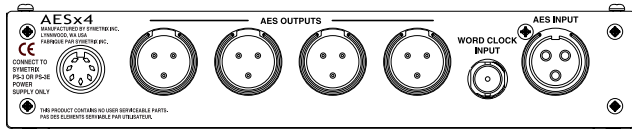
- Generates or distributes Word Clock or Superclock
- Selectable internal 44.1 or 48 kHz
Selectable external AES11, Word Clock, or Superclock input

CLKx6 Audio Clock Distribution Amplifier

- Distributes Word Clock or Superclock to 6 BNC outputs



AESx4 Distribution Amplifier



Performance

- Input impedance: AES: 110 ohm, Word Clock: 75 ohm
- Output impedance: AES: 110 ohm
- External sync range: 32 kHz to 96 kHz

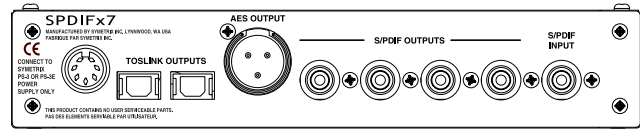
Connectors

- AES input: Balanced XLR
- AES outputs: 4 x XLR
- Word Clock input: BNC
- Power supply: External AC (Lucid PS-3 or PS-3E) using 7-pin DIN connector

Physical

- 1/2U Chassis (H x W x D):
1.72 in. x 8.5 in. x 8 in. (4.37 cm x 21.59 cm x 20.32 cm)
- Net Weight: 2.5 lb. (1.1 kg)

SPDIFx7 Distribution Amplifier



Performance

- Input impedance: S/PDIF: 75 ohm
- Output impedance: S/PDIF: 75 ohm, AES: 110 ohm
- External sync range: 32 kHz to 96 kHz

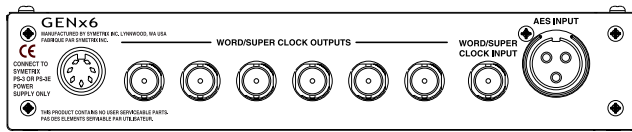
Connectors

- S/PDIF input: RCA (coaxial)
- S/PDIF outputs: 4 x RCA (coaxial)
- AES output: Balanced XLR
- TOSLINK output: 2 x TOSLINK optical
- Power supply: External AC (Lucid PS-3 or PS-3E) using 7-pin DIN connector

Physical

- 1/2 U Chassis (H x W x D):
1.72 in. x 8.5 in. x 8 in. (4.37 cm x 21.59 cm x 20.32 cm)
- Net Weight: 2.5 lb. (1.1 kg)

GENx6 Word/Super Clock Generator



Performance

- Input impedance: AES: 110 ohm, Clock: 75 ohm
- Output impedance: AES: 110 ohm
- External sync range: 32 kHz to 96 kHz
- Internal sample rates: 44.1 kHz, 48 kHz

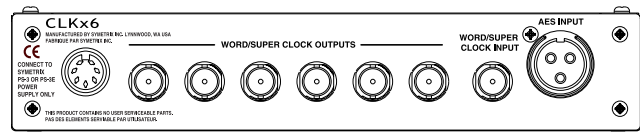
Connectors

- AES input: Balanced XLR-3
- Word/Super Clock input: BNC
- Word/Super clock outputs: 6 x BNC
- Power supply: External AC (Lucid PS-3 or PS-3E) using 7-pin DIN connector

Physical

- 1/2 U Chassis (H x W x D):
1.72 in. x 8.5 in. x 8 in. (4.37 cm x 21.59 cm x 20.32 cm)
- Net Weight: 2.5 lb. (1.1 kg)

CLKx6 Audio Clock Distribution Amplifier



Performance

- Input impedance: AES: 110 ohm, Clock: 75 ohm
- Output impedance: AES: 110 ohm
- External sync range: 32 kHz to 96 kHz

Connectors

- AES input: Balanced XLR
- Word/Super Clock input: BNC
- Word/Super Clock outputs: 6 x BNC
- Power supply: External AC (Lucid PS-3 or PS-3E) using 7-pin DIN connector

Physical

- 1/2 U Chassis (H x W x D):
1.72 in. x 8.5 in. x 8 in. (4.37 cm x 21.59 cm x 20.32 cm)
- Net Weight: 2.5 lb. (1.1 kg)

lucid
lucidaudio.com

Corporate Headquarters
Lucid
A division of Symetrix, Inc.
6408 216th St. SW
Mountlake Terrace, WA 98043 USA
Tel: (425) 778.7728
Fax: (425) 778.7727
Email: info@lucidaudio.com
lucidaudio.com

European Representation
World Marketing Associates
PO Box 100, St. Austell
Cornwall, PL26 6YU UK
Tel: +44 (0) 1726 844440
Fax: +44 (0) 1726 844443

Asian & South American Representation
International Sales
1265 Rosecrans Street
San Diego, CA 92106 USA
Tel: (619) 224.9429
Fax: (619) 224.9439



Symetrix