

# lucid

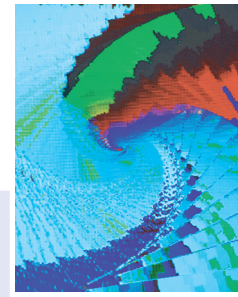
## AESx4, SPDIFx7, GENx6 & CLKx6 Digital Audio Distribution Units

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

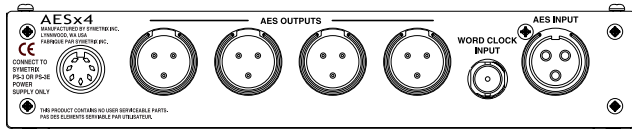
- Generates or distributes Word Clock or Superclock
- Selectable internal 44.1 or 48 kHz  
Selectable external AES11, Word Clock, or Superclock input

#### 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

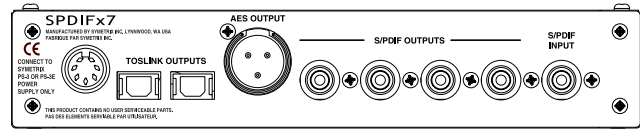
#### Connectors

- 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

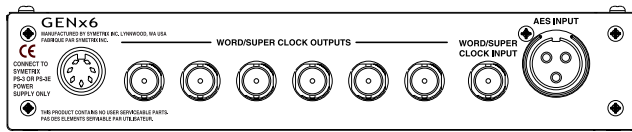
#### Connectors

- 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

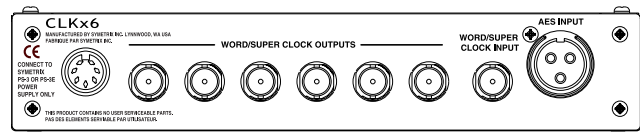
#### Connectors

- 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):  
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