Introducing TWINBIN, the latest in high-speed, quality duplicating equipment designed for instant master changeover, with new unsurpassed frequency response, long life and low maintenance.
ELECTRO
SOUND
6000
SYSTEM

SPECIAL FEATURES
- New unsurpassed frequency response
- Twinbin dual master (optional)
- Cooler slave operation
- 32:1 high speed tape duplication
- 240 ips master transport
- Proven loop bin for 1/4", 1/2", or 1" running masters
- Automatic cue tone injection
- Automatic program counter
- Automatic slave start sequencing
- Constant tension slave servos
- Fully automatic reel-to-reel mode
- Crystal controlled bias generator

PERFORMANCE CHARACTERISTICS

Tape Speed
Master 240 ips/Slave 60-120 ips

Frequency Response
40 to 15,000 Hz ±2dB
3% ips duplicates from 7½ ips NAB masters:
40 to 15,000 Hz ±2dB

Reel Size Capacity
Up to 14-inch diameter reels on take-up and supply turntables for both master and slave
Wow and Flutter
Will not contribute more than 0.1% wow and flutter in duplicates, measuring all components between 0.5 and 200 Hz. At any duplicating speed measured in accordance with ASA standards Z57.1-1954.

Power Requirements
220/125 V, 50 or 60 Hz
Power Consumption
Master and Electronics: 1320 volt-amps
Each slave: 560 volt-amps
* using Memorex MRZ4 Tape

Dimensions and Weight
Master Transport Rack:
depth: 61 cm (24"), width: 69 cm (27"), height: 196 cm (77"
Uncrated Weight: 207 Kg (455 lbs.)
Shipping Weight: 282 Kg (620 lbs.)
213 cm x 92 cm x 91 cm (84" x 36" x 36"
Shipping Volume: 1.8 steres (64.1 cu. ft.)

Electronic Rack:
depth: 56 cm (22"), width: 57 cm (22.5"), height: 196 cm (77"
Uncrated Weight: 204 Kg (450 lbs.)
Shipping Weight: 284 Kg (625 lbs.)
213 cm x 92 cm x 78 cm (84" x 36" x 31"
Shipping Volume: 1.59 steres (56.8 cu. ft.)

Slave Recorders:
depth: 67.3 cm (26.5"), width: 70 cm (27.5"), height: 75 cm (30"
Uncrated weight: 102 Kg (225 lbs.)
Shipping Weight: 136 Kg (300 lbs.)
79 cm x 79 cm x 107 cm (31" x 31" x 42"
Shipping Volume: 6.7 decisteres (25 cu. ft.)

ELECTRO
SLAVE UNITS
ELECTRO
SOUND
4000
SYSTEM

PERFORMANCE
CHARACTERISTICS
Tape Speed
Master 120 ips/Slave 30-60 ips
Frequency Response
7½ ips duplicates from 15 ips NAB masters:
40 to 12,000 Hz (±2dB)
masters: 40 to 10,000 Hz (±2dB)
40 to 10,000 Hz (±2dB)
Wow and Flutter
Will not contribute more than 0.1% wow and
flutter in duplicates, measuring all com­
ponents between 0.5 and 200 Hz. At any
duplicating speed measured in accordance
with ASA standards 257.1-1954.
Reel Size Capacity
Master reproducer and slaves up to 14
inches diameter on supply and take-up
turntables. (Integral scrape flutter idlers
on all head assemblies reduce scrape
flutter to a minimum.)
Power Requirements
50 or 60 Hz 220/120 V., single phase

SPECIAL FEATURES
• Excellent frequency response
• moderately priced
• 16:1 tape duplicating ratio
• 120 ips master transport
• proven loop bin for ½", ¼", or 1" running
masters
• cassette/8-track interchangeability

ACCESSORIES
• TWINBIN dual master
• automatic program counter
• automatic sequencing
• automatic reel-to-reel operation

Power Consumption
Master and Electronics: 1200 volt-amps
Each additional slave: 360 volt-amps
Dimensions and Weight
Master Transport Rack
depth: 61 cm (24")
width: 69 cm (27")
height: 196 cm (77")
Uncrated weight: 184 Kg (405 lbs.)
Shipping weight: 288 Kg (635 lbs.)
Shipping volume: 1.8 stere (64.1 cu. ft.)
Electronics Rack
depth: 56 cm (22"), width: 57 cm (22.5")
height: 196 cm (77")
Uncrated weight: 124 Kg (273 lbs.)
Shipping weight: 206 Kg (453 lbs.)
Shipping volume: 1.59 stere (55.8 cu. ft.)
Slave Recorders
depth: 67.3 cm (26.5"), width: 70 cm (27.5")
height: 75 cm (30")
Uncrated weight: 80 Kg (177 lbs.)
Shipping weight: 107 Kg (235 lbs.)
Shipping volume: 7.6 decistere (25 cu. ft.)
Slave Operating Console
Bias, record level, and high-frequency ad­
justments for each recorded track. Bias
switch and metering terminals are also pro­
vided. Interchangeable ferrite record head
assemblies.

All slaves are solid state. Simple.
Highly reliable. Uncomplicated. Easy
to maintain. And built for years of
rugged, heavy use in any climatic
environment (-14°C [25°F], cooler
operation). No matter what the de­
mands, they keep delivering.

NITS
**GEMINI Cartridge Winder**

Fastest dual 8-track winder in the world. 240 ips. Ups output by up to 100%. Takes supply reels up to 14”. Digital footage counter assures exact lengths. Pushbutton simple. Rugged, reliable.

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**ES 100-2C Dual Cassette Winder**

New digital counter increases versatility. Recognizes sub-sonic cue signal to cut tape between program elements on reel. Splicer mounts directly on top panel for convenient and rapid splicing. Minimal operator training required. Winds cassettes up to C-120. Winding speed 120 ips.

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**Quality Control Reproducers**

Electro Sound’s Quality Control Reproducers. Indispensable aids in maintaining consistent excellence in duplicated tapes. Model QC-III for stereo cassettes and cartridges. Model QC-IV for stereo and quad cartridges.

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**Automatic Tape Splicer**

Model 200.01 for ¼” tape.

Model 200.02 for 150” tape.

Automatically die-cuts and applies the splice for uniform, dependable bonding.

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**Slave Adjustment Calibrator**

Lightweight, portable. 9-volt battery operated. Reads recorded output level so proper record and bias levels can be set on high-speed slaves. Full 4-, 8-track and cassette calibrated. Reversible guides for ¼” or 150” tape.

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**ELECTRO SOUND, Inc.**

A Viewlex, Inc. Subsidiary

160 San Gabriel Drive

Sunnyvale, CA 94086

(408) 249-6600

Telex: 34-6324 LECTROSND SUVL

TWX: 910-339-9303