

TASCAM

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TASCAM ACCESSORIES

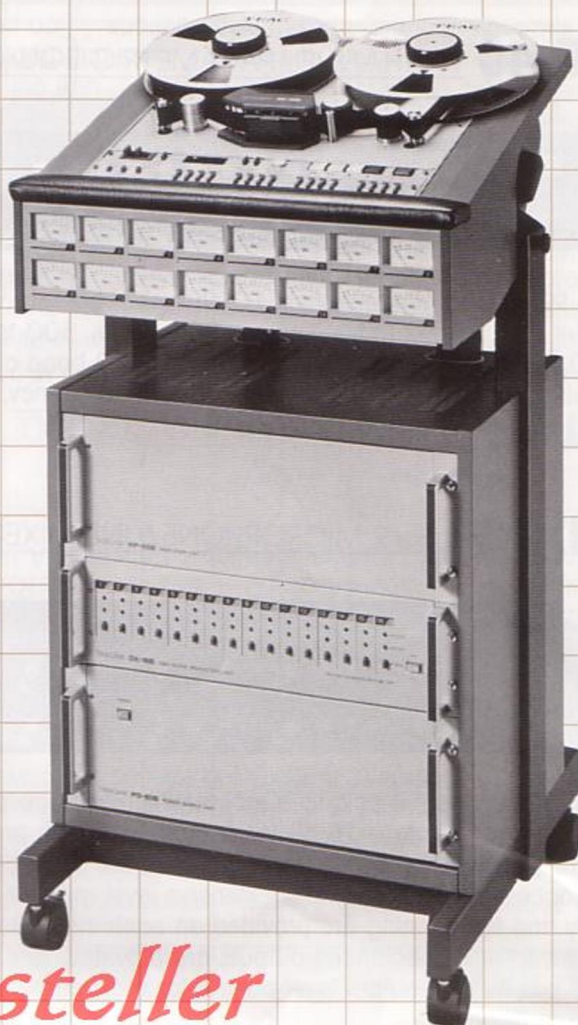
Archiv Michael-Otto

- * **LA-40** Low Impedance Adaptor
- * **PA-4** RIAA Phono Amplifier
- * **MT-8** Mic Input Transformer
- * **CS-607B** EIA Standard Console Rack
- * **CS-08U** EIA Standard Compact Rack
- * **HP-200PRO** Monitor Headphones
- * **E-3** Head Demagnetizer
- * **E-2A** Bulk Tape Eraser
- * **TO-122A/TO-8** Test Tone Oscillators
- * **WR SERIES** Low Capacitance Cables
- * **PW-16 SERIES** Patch Cables
- * **RE SERIES** Empty Reels
- * **TZ-261** Head & Rubber Cleaners
- * **TZ-22** Fader Link Knob

85-16B 16-TRACK RECORDER

The 85-16B is TASCAM's top-line professional 1" 16-track tape recorder. Its superb stability and reliability are ideal for demanding studio applications. And with its built-in dbx noise reduction system, the 85-16B preserves that kind of headroom on tape and keeps hiss well below program level.

- 38 cm/s tape speed
- $\pm 10\%$ pitch control
- Full logic transport control
- Fluorescent 4-digit tape speed or real-time counter display
- Precise zero-search function
- Sync playback response equal to repro response
- PLL DC direct drive capstan motor
- SMPTE interlock system compatible
- Spooling mode
- Pre-load selectors
- Group punch-in/out
- Manual edit
- Direct-coupled FET rec/play amplifiers
- Front-panel accessible plug-in rec/play amplifiers and dbx PC cards
- Optional low impedance adaptor (LA-85)
- Optional Auto Cue Unit (AQ-85)
- Optional remote control unit (RC-85)



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SERIES 40**48**
8-TRACK RECORDER**44**
4-TRACK RECORDER**42**
2-TRACK RECORDER

The TASCAM Series 40 recorders are high-quality machines designed for production work where flexibility, reliability and synchronized operation are prime requirements. The 42 and 44 use 1/4" tape and have selectable 38 or 19 cm/sec tape speeds, while the 48 uses 1/2" tape at a fixed 38 cm/sec speed. Nominal +4 dBm balanced inputs and outputs are standard, and -10 dB RCA jacks are also provided for the broadest compatibility with all types of equipment.

- PLL DC Direct Drive capstan motor
- SMPTE interlock system compatible
- Real time tape counter
- Sync playback response equal to repro response
- Full tension servo system
- Ceramic capstan shaft
- $\pm 12\%$ pitch control
- Full logic transport control

- Return to Zero and Search to Cue functions
- Spooling mode
- VU meters with peak LEDs
- Splicing block
- Dump edit and manual edit
- Preload selectors (the 48)
- Input and output level controls (the 44 and 42)
- Mic/line mixing (the 42)
- Headphone jack with level control (the 42)
- Optional dbx NR unit
- Optional remote control

SERIES 50

58

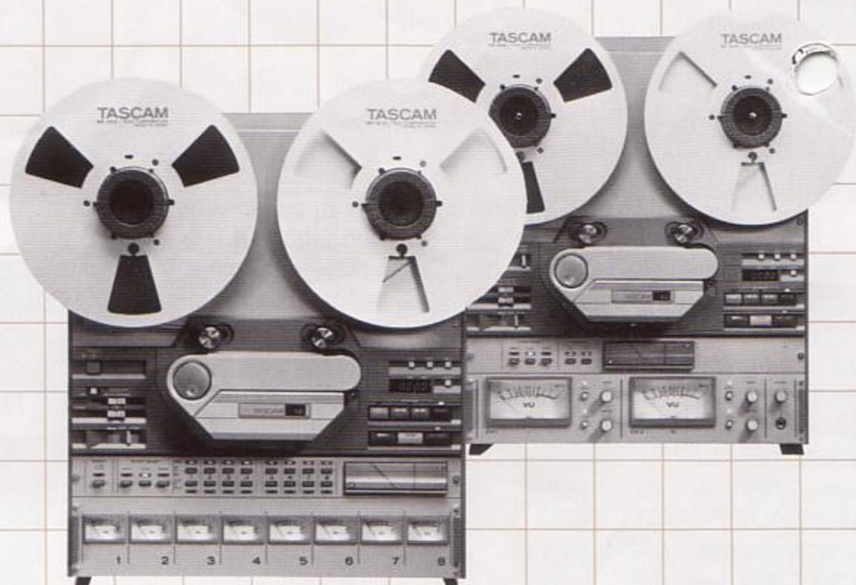
8-TRACK RECORDER

52

2-TRACK RECORDER

The Series 50 recorders are a pair of truly superior audio production machines. The transports are exceptionally rugged, assembled on thick aluminum alloy base plates. The extra heavy-duty motors are built to shuttle tape at high speeds, and have full servo system transports controlled by microprocessors with multiple tach and photo-sensor inputs to ensure reliable tape handling. The 58 uses 1/2" tape at 38 cm/s tape speed, while the 52 uses 1/4" tape and have selectable 38 or 19 cm/s tape speed.

- SMPTE interlock system compatible
- Real time tape counter
- Sync playback response equal to repro response
- $\pm 15\%$ pitch control
- Full logic transport control
- Return to Zero and Search to Cue functions
- Spooling mode
- VU meters with peak LED
- Splicing block



- Dump edit and manual edit
- Pre-load selectors (the 58)
- Input and output level controls with cal/uncal selectors (the 52)
- Headphone jack with level control (the 52)
- Optional RC-51 full function remote control unit and RC-51 transport remote control unit
- Balanced (+4 dBm) and unbalanced (-10 dBV) inputs and outputs
- Direct coupled amplifier
- Optional dbx NR unit

SERIES 30

38

8-TRACK RECORDER

34

4-TRACK RECORDER

32

2-TRACK RECORDER

You provide the talent, and we'll provide the technology—the Series 30 recorder/reproducers. These three decks are engineered from the unique TASCAM point of view that insists on professional quality and performance made affordable to even the non-professional musician, artist, engineer, etc. We make it better, and we make it affordable. But that doesn't mean we compromise on parts, technology, or versatility, as the Series 30 recorder/reproducers clearly show. The 32 and 34 use 1/4" tape and have selectable 38 or 19 cm/s tape speeds, while the 38 uses 1/2" tape at a fixed 38 cm/s speed.

- 38 cm/s and 19 cm/s tape speed (The 34 and 32), 38 cm/s tape speed (the 38)
- Sync playback response equal to repro response



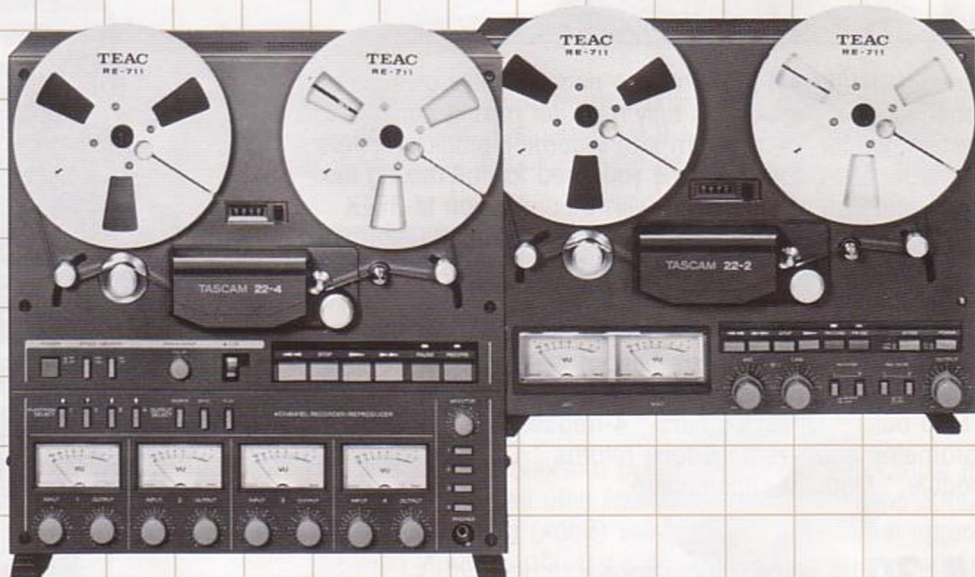
- Punch in/out capability
- 3 DC motors
- Digital tape counter
- $\pm 12\%$ pitch control
- Dump edit function
- Zero return
- L & R microphone inputs (the 32)
- Input and output level controls (the 32)
- Headphone jack with level control (the 32)
- Optional dbx NR unit
- Optional remote control unit

SERIES 20

22-4 4-TRACK RECORDER

22-2 2-TRACK RECORDER

The 22-2 and 22-4 recorders are excellent examples of the creative engineering, performance versatility and surprising economy built into all TASCAM products. Both the 22-2 2-track recorder and the 22-4 4-track recorder offer the quality of 38 cm/sec plus the long-play convenience of 19 cm/sec tape speeds.



22-4

- 4-tracks on 1/4" tape
- 7" reel size
- Simul-Sync recording
- Punch in/out capability
- Input and output level controls
- $\pm 6\%$ pitch control
- Manual cue lever

- Headphone monitor select matrix
- Memory stop
- Full logic transport control
- 3-motor, 3-head
- Optional dbx NR unit
- Optional remote control unit

22-2

- 7" reel size
- Independent monitor and record mode controls for each channel
- Mic/Line mixing
- 3-motor, 3-head
- Optional remote pause control

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234 SYNCASET



The TASCAM 234 Syncaset 4-channel multitrack recorder is essentially a compact cassette version of our 4-track open-reel recorders/reproducers with a built in 4×2 mixer. And as such it offers some of the same features that put our open-reel machines at the top of their class. The 234 Syncaset even offers a few features its bigger brothers don't have.

- Simul-Sync recording capability
- Ping-pong recording capability
- Punch-In/out capability
- 9.5 cm/s tape speed
- Built-in switchable dbx NR
- Mic input and line input for each channel
- Zero stop and zero play
- Mic trim controls
- CrO_2 (TYPE II) tape formulation
- Headphone jack with level control

225 SYNCASET



The TASCAM 225 Syncaset is a 4-track 2-channel cassette machine designed for creative people. If you need to mix inputs, overdub or "ping-pong" tracks on standard compact cassettes, the 225 is for you. Produce demo cassettes, work out musical arrangements, create narration/music tracks for A/V presentations... and play back standard audio cassettes in high fidelity as well.

- Produce professionally on standard 4-track, 2-channel format (stereo or dual mono, 4.8 cm/s tape speed).
- Insert new sounds in perfect synchronization with a pre-recorded track.
- Route your inputs to feed one or both tracks, from mono or stereo sources.
- Ping-pong tracks as you add new sounds.
- Punch-in/out with a single touch of the optional footswitch.
- Dolby B noise reduction.
- Headphone jack with level control.
- Zero return switch.



The TASCAM 244 Portastudio is an extremely versatile tool for creative people in a variety of fields. The 244 incorporates a full-function 4-channel mixer and a high-performance 4-channel multitrack cassette recorder.

(THE MIXER SECTION)

- 4 inputs/2 PGM busses/Stereo Aux busses/Stereo tape cue busses
- Each channel provides: Mic/Line-Off-Tape selector, trim, Access send/receive, two-band parametric EQ, Aux gain/pan control with Pre-Off-Post selector, pan pot and fader
- Stereo AUX receive with level control
- REMIX/CUE/AUX monitor selector
- Two headphone jacks

(THE RECORDER SECTION)

- Simul sync capability
- Ping pong recording capability
- Punch-in/out capability
- 9.5 cm/s tape speed
- Built-in dbx NR
- Calibrated with CrO₂ (TYPE II) tape
- Digital counter
- 2 motor IC full logic transport control
- $\pm 15\%$ pitch control
- Zero return
- 4 tape out jacks



The TASCAM Porta One MiniStudio is the "little brother" of the TASCAM 244 Portastudio which incorporates 4 x 2 mixer and 4-channel multitrack cassette recorder. The Porta One can be used as a standard cassette deck and can be driven by both AC and battery power.

(THE MIXER SECTION)

- 4 inputs/2 PGM busses/Tape cue buss
- Each channel provides: Mic/Line-Off-Tape selector, trim, EQ Low, EQ High, pan pot and fader
- Tape cue-Remix monitor selector
- Headphone jack

(THE RECORDER SECTION)

- Simul Sync capability
- Ping pong recording capability
- Punch-in/out capability
- 4.8 cm/s tape speed
- Built-in dbx NR (with in/out switch)
- Calibrated with CrO₂ (TYPE II) tape
- $\pm 15\%$ Pitch control
- Zero return
- 4 tape out jacks

(GENERAL)

- Power requirement: DC 11-15V
- Optional AC adaptor
- Dimensions (W x H x D): 250 x 330 x 70 mm
- Weight: 3 kg (without batteries)

122/122B STUDIO CASSETTE DECK



The TASCAM 122 and 122B offer the quality of studio record/reproduce performance with the convenience of the standard cassette format. While the 122 has unbalanced inputs and outputs, the 122B offers balanced inputs and outputs for full compatibility with professional recording or broadcast equipment.

- Dual Speed (4.8 cm/s and 9.5 cm/s)
- Three head
- Front-panel bias and level adjustment
- Line-in sockets duplicated on the front and rear panels
- Dolby B and Dolby HX system
- Headphone jack with level control

133/133B STEREO PLUS CUE



The TASCAM 133/133B Stereo Plus Cue is a complete 3-channel production tool for the multi-image industry. With it you can produce a master control tape, stereo sound and sync, and then run the show with its many microprocessor controlled features. The 133 has unbalanced inputs and outputs, while the 133B offers balanced lines for compatibility with professional equipment.

- Dual Speed (4.8 cm/s and 9.5 cm/s)
- 3-channel (AUDIO L/R and CUE)
- Auto Present function
- Dolby NR
- 2 mic inputs
- Headphone jack with level control

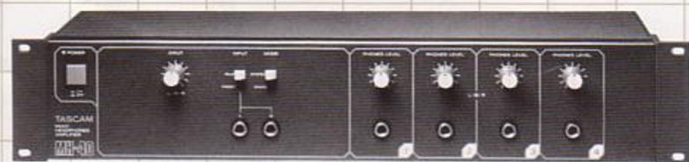
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PE-40 4-CHANNEL PARAMETRIC EQUALIZER

The PE-40 has 4 independent EQ channels, each of which offers four bands of equalization—800 to 16k, 500 to 10k, 200 to 4k, 40 to 800 Hz. Each individual EQ band offers a full complement of parametric controls—frequency, Q (bandwidth), and gain (boost/cut).

MX-80 8×2 MICROPHONE/LINE MIXER

The MX-80 offers 8 balanced inputs which will accept input levels from -70 to +28 dB for compatibility with any source, or 8 unbalanced line-level inputs are available via the access receive terminals. Extensive level matching capability and full panning are provided on each input. Both balanced and unbalanced outputs are provided, and each type has its own output level control for maximum system flexibility.

MH-40B MULTI-HEADPHONE AMPLIFIER

A single MH-40B drives up to 4 pairs of stereo headphones from a single line-level stereo signal, and individual headphone control with independent left/right channel balance control is provided. 1.5 W power (peak) from each headphone output provides sufficiently high headphone levels for extra high-quality sound and masking external noise.

PB-32 SERIES PATCH BAYS

All these patch bays offer 32 patch points in two rows of 16 connectors, with the upper-row connectors "normalled" to the lower row. The normalling can be defeated if necessary.

- PB-32P** phone jacks (front and rear)
- PB-32R** RCA jacks (front and rear)
- PB-32H** phone jacks (front) RCA jacks (rear)
- PB-32W** phone jacks (leftmost 12 jacks, front and rear)
RCA jacks (rightmost 20 jacks, front and rear)

GE-20B 2-CHANNEL GRAPHIC EQUALIZER

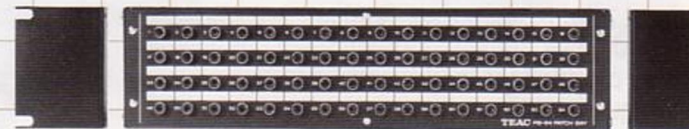
The GE-20B is a 2-channel graphic equalizer with 10 straight-line controls per channel providing 12 dB of peak/dip equalization at standard 1-octave ISO center frequencies: 31.5, 63, 125, 250, 500, 1k, 4k, 8k and 16k Hz. Each channel has a separate pair of 12 dB/octave cutoff filters, a 31.5 Hz Hi-Pass and a 16 kHz Lo-Pass.

M-1B 8×2 LINE MIXER

This economical, high quality 8×2 line mixer is perfect for any situation where you require auxiliary line mixing capability. One or more M-1Bs can be added to your system to provide extra headphone cue mixes, echo mixes, monitor mixes, or any other type of mix you might need.

MU-40 METER BRIDGE

The MU-40 is a 4-meter, 8-channel meter unit. The Line 1/Line 2 switch lets you connect the meters to one of two sets of four inputs. A meter sensitivity switch is provided for compatibility with any source, and foldback terminals are provided for all inputs. In addition, each meter has an LED peak indicator.

PB-64 PATCH BAY

The PB-64 offers sixty-four RCA type connectors on the front panel connected directly to the rear panel (the ground on each channel is discrete). You can interrupt your system input and output cables by connecting them to the PB-64 rear panel. To re-route, simply re-patch with jumper cables on the PB-64 front panel.