

Fostex®

MULTITRACK DIVISION

CONSUMER MULTITRACK



X-15

SPECIFICATIONS X-15

Tape Speed	4.8 cm/s (1 7/8 ips) ± 1%
Pitch Control	± 15% of normal tape speed
Recording Time	30 min. for C-60
Wow and Flutter	± 0.1% peak, IEC/ANSI weighted
Frequency Response	40 Hz — 12.5 kHz ± 3 dB at -10 VU
T.H.D.	1.5% at 1 kHz, OVU
S/N	60 dB weighted, w/Dolby 50 dB unweighted, w/Dolby
Crosstalk	40 dB at 1 kHz
Dimensions	75 x 290 x 195 mm (3 x 11½ x 7¾ in.)
w/Battery Pack	75 x 290 x 230 mm (3 x 11½ x 9 in.)
Weight	2.1 kg (4.6 lbs.)
w/Battery Pack	2.9 kg (6.4 lbs.)

Options

AC Adaptor
Punch-in and punch-out
Remote foot switches

The X-15 is the most compact, most affordable 4-track studio package you can buy. A battery operated multitrack tape recorder with built-in 4 x 2 mixer lets you overdub, ping-pong, punch-in and out, and mixdown. Use it as a Hi-Fi deck, too. The first two tracks are standard stereo format and will play on any home, portable or car stereo. Dolby B NR, pitch control and individual headphone level control, peak reading LEDs, soft touch transport controls.

\$495.00

PROFESSIONAL MULTITRACK



B-16

SPECIFICATIONS B-16

Equalization	IEC (infinity + 35us)
Overall Frequency Response	40Hz - 18kHz, ±3dB
Signal to Noise Ratio	80dB weighted, 63dB unweighted (With built-in Dolby C)
T.H.D.	1% at 1 kHz
Erase	70dB at 1 kHz
Crosstalk	55dB at 1 kHz
Wow and Flutter	±0.06% peak weighted (ANSI) measured with flutter tape
Dimensions	445 (W) x 430 (H) x 235 (D) mm [17½" (W) x 17" (H) x 9¼" (D)]
Weight	30 kg (67 lbs.)

Options

Remote Control
Floor Console
Flight Case
+ 4dBm interface

The B-16 is the first commercially available 16-track recorder/reproducer to use ½" tape. Because of its compact size, the B-16 is perfect for cramped remote trucks, control rooms, spare rooms, or video post production suites. The 3-motor design uses all D.C. motors for less weight, less heat and no speed control problems. Variable speed operation is ± 15% in both record and reproduce modes. Real time tape counter with search-to-cue function. Individual record/reproduce cards with integral Dolby C noise reduction.

\$5,900.00



A-8LR



A-4



A-2

RECORDER/REPRODUCERS

A-8LR. 8-track simultaneous recording on 1/4" tape with integral Dolby C * NR for superb sound. The 3-motor transport was designed specifically for multitrack recording and features advanced IC logic control and motion sensing. The DC servo controlled capstan motor maintains speed stability and permits variable speed operation ($\pm 10\%$) in both the record and reproduce modes. Sync. switching and monitor logic are ideal for the single artist working alone. Synchronizer interface optional.

Specifications A-8LR

Wow & Flutter	$\pm 0.06\%$ peak (IEC/ANSI), wtd.
Overall Freq. Response	45Hz—18kHz, ± 3 dB
Signal-To-Noise Ratio (Sync.)	75dB wtd. referenced to 1kHz, 3% THD level
THD	Less than 1% at 1kHz, 0 VU
Dimensions	13 1/2"H x 14"W x 6 3/4" D 340mm H x 360mm W x 170mm D
Weight	29 lbs. (13Kg)
Crosstalk	55dB @ 1 kHz

\$2500.00

A-8. The original 1/4" 8-track records on up to four tracks at a time. All other features and specs are the same as the A-8LR.

\$1995.00

A-4. The same compact, efficient transport design of the A-8 in a 2-speed format. Track configuration is standard quarter-inch 4-track. All Fostex recorders feature a specially designed DC FET repro amplifier for wide band frequency response and minimum distortion. The A-4 is ideal for the heart of an economical, high performance multitrack system.

Specifications A-4

Equalization	NAB (IEC available in Europe)
Wow & Flutter	$\pm 0.06\%$ peak (IEC/ANSI), wtd., at 15ips $\pm 0.10\%$ peak (IEC/ANSI), wtd., at 7 1/2ips
Overall Freq. Response (Reproduce)	40Hz—22kHz, ± 3 dB, at 15ips 40Hz—20Hz, ± 3 dB, at 7 1/2ips
Signal-To-Noise Ratio (Sync./Reproduce)	63dB wtd. at 15 and 7 1/2ips referenced to 1kHz, 3% THD level
THD	Less than 1% at 1kHz, 0 VU
Dimensions	13 1/2"H x 14"W x 6 3/4" D 340mm H x 360mm W x 170mm D
Weight	29 lbs. (13Kg)

\$1450.00

A-2. Half-track stereo mastering recorder with sync. The A-2 packs all the features and functions of our multitrack recorder/reproducers into a high quality, portable (28 lbs.) unit, ideal for remotes. Available in 4-track stereo on special order.

Specifications A-2

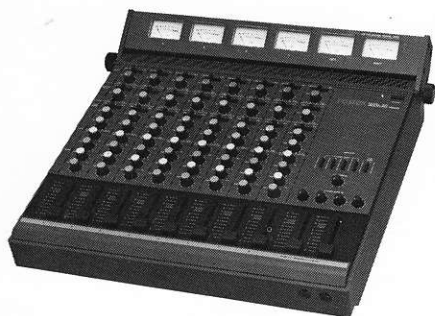
Equalization	NAB (IEC available in Europe)
Wow & Flutter	$\pm 0.06\%$ peak (IEC/ANSI), wtd., at 15ips $\pm 0.10\%$ peak (IEC/ANSI), wtd., at 7 1/2ips
Overall Freq. Response (Reproduce)	40Hz—22kHz, ± 3 dB, at 15ips 40Hz—20Hz, ± 3 dB, at 7 1/2ips
Signal-To-Noise Ratio (Sync./Reproduce)	63dB wtd. at 15 and 7 1/2ips referenced to 1kHz, 3% THD level
THD	Less than 1% at 1kHz, 0 VU
Dimensions	13 1/2"H x 14"W x 6 3/4" D 340mm H x 360mm W x 170mm D
Weight	29 lbs. (13Kg)

\$850.00

Suggested retail prices and specifications are subject to change without notice.

* Dolby is a registered trademark of Dolby Labs, Inc.

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350



2050

MIXERS

350. Compact, flexible 8 x 4 x 2 mixer (shown with optional meter bridge). Each input channel has 50 dB of continuously variable input trim, accessory send/receive jacks, two bands of parametric-type EQ, fader and LED overload indicator. There are four main output busses, a stereo auxiliary buss, plus direct outputs on each input. Multiple patch points include four RIAA-equalized phono preamps.

Specifications: Frequency Response: 4 Chan. Buss/Out - 20 Hz — 20 kHz, ± 1 dB; Headphone - 50 Hz — 15kHz, ± 2 dB; **Signal To Noise Ratio:** One mic input - 68dB, wtd.; 8 mic inputs - 58dB, wtd.; One line input - 75dB, wtd., 8 line inputs - 65dB, wtd.; **Equalizer:** Variable, ± 12 dB - 80 Hz — 1.2kHz, 800Hz — 12kHz; **Crosstalk:** - 65dB at 1kHz.

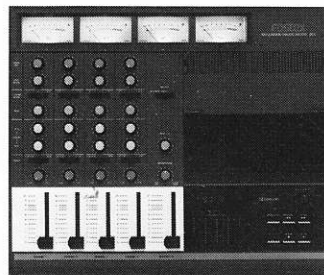
\$925.00

With Meter Bridge **\$1120.00**

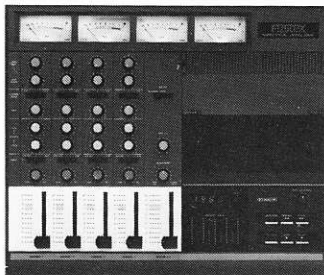
2050. Compact, highly functional line level mixer, 8 x 2, with independent program and cue mixes. The 2050 is the solution to an endless array of mixing problems — cue, monitor, sub-mix, etc. — and two or three units may be patched in parallel or in series for exceptionally versatile grouping. A stereo input source can be added and mixed to the 8 line inputs via front panel jacks and controls.

Specifications. Nominal Input/Output Level: -10dB (0.3V); Input Impedance: 40 KOhms; Output Load Impedance: 10 KOhms or more; Overall Frequency Response (input to output): 30 Hz — 20kHz ± 1 dB; Headphone Response: 40Hz — 20kHz ± 3 dB; S/N ratio (weighted): 80dB; **Crosstalk at 1kHz:** 60dB or more; **THD:** 0.03% maximum at 1 kHz; 120V AC, 60Hz, 5W (USA/Canada).

\$200.00



250



250AV

PORTABLE CASSETTE RECORDER/MIXERS

250 Multitracker. 4-channel multitrack cassette recorder (standard format) with built-in 4 x 4 mixer. The portable "studio-in-a-suitcase" is like an electronic notebook for players/producers/composers/arrangers. Great for demos. Integral Dolby C* noise reduction, high speed operation (3 $\frac{3}{4}$ ips) and a stable, 2-motor transport offer quality as well as convenience. Both the mixer and the recorder can be accessed for independent operation for additional flexibility.

Specifications: Frequency Response — Mixer section - 20Hz — 20kHz ± 1 dB, Recorder section - 20Hz — 18kHz (40Hz — 14kHz ± 2 dB, -3dB at 0 VU); **Signal-To-Noise-Ratio:** Mixer section - Overall 75dB wtd., Recorder section - 71dB wtd.; **Crosstalk:** Mixer section - 65dB at 1kHz, Recorder section - 50dB at 1kHz; **Dimensions:** 3-1/8" H x 17" W x 14" D, 80mm H x 430mm W x 355mm D. **Weight:** Net 19 lbs. (8.5Kg).

\$1300.00

250 AV. Similar to the 250, but with standard cassette tape speed (1-7/8 ips) and a 1 Volt monitor output to drive any programmer. Compatible with both commercial (half-track) and consumer (quarter-track) formats, the 250 AV functions for both production and presentation modes.

Specifications: Speed: 1-7/8 ips; Frequency response Recorder Section: 20Hz — 16kHz (40Hz — 12kHz ± 3 dB at -20 VU); S/N (Record Section): 70 dB wtd, 65dB unwtd; Cross Talk: 45dB at 1kHz.

\$1300.00



6301



3010



3030



3040



3050



3070



3180

MONITORS/PROCESSORS

6301. Self-powered monitors will accept any line level signal. 10 Watt amplifier may be used separately.

(Pair) \$298.00

3010. Normalled Patch bay. 16 normalled pairs, 32 points. Pin Jacks.

\$85.00

3030. 2-channel, 10-band per channel graphic equalizer with 12dB per octave boost or cut at 31.5, 63, 125, 250 and 500Hz, 1, 2, 4, 8, and 16kHz.

\$250.00

3040. 4-channel switchable encode/decode Dolby C Noise Reduction Unit. Provides 20 dB of noise reduction without annoying side effects.

\$450.00

3050. Single channel Digital Delay Line. Great for straight delay, slapback echo, double tracking, phasing, flanging and chorus effects.

\$400.00

3070. 2-channel Gated Compressor/Limiter. VCA operation with detect circuit for lower distortion and external access to this circuit for limitless creative possibilities.

\$400.00

3180. 2-channel reverberation unit. Multi-spring design and Delay Matrix for natural room sound.

\$400.00

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ACCESSORIES

	DESCRIPTIONS	SUG. RETAIL
1030	XLR to 1/4" phone mic	\$ 25.00
3010	Normalled Patch Bay Pin Jacks	85.00
5030	- 10 to + 4 dBm Line Amp (8 Channel)	595.00
8010	3040 Dummy Plug for A-2	7.50
8011	Remote cord 3040/Teac 3440 (For Dolby C NR)	25.00
8012	Remote cord 3040/Tascam 40-4 (For Dolby C NR)	30.00
8013	Remote cord 3040/Tascam 80-8 (For Dolby C NR)	59.00
8030	Remote Control	65.00
8041	4 Channel Coded Cable 18" (Sold in sets of 6)	48.00
8042	4 Channel Coded Cable 48" (Sold in sets of 6)	72.00
8043	4 Channel Coded Cable 10' (Sold in sets of 6)	108.00
8050	Footswitch for record punch in/out	15.00
9007	7" metal reel w/Fostex Logo	10.00
9010	Fiber Case/6301	65.00
9020	Gig/Bag 250	65.00
9021	Gig Bag for X-15	30.00
9030	Flight Case/350MB	165.00
9050	Flight Case/A2, A4 & A8	165.00
9070	Flight Case/250 w/mic comp.	165.00
9080	Metal Console / B-16	450.00
9900	Fader Line/350 Mixer	5.00
9901-1	19" R.M. adapter/A2, A4 & A8	40.00
9901-2	19" R.M. Top Plate/A2, A4 & A8 for reel clearance	14.00
9902	19" R.M. adapter/3050	15.00
9903	19" R.M. adapter/3030	20.00
9904	19" R.M. adapter/2050 & 3040	20.00
MN-15	Compressor w/Line Mixer	55.00
M-2	Cardioid Mic	45.00
M-3	Cardioid Mic	60.00
M-5	Cardioid Mic	75.00

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