

**View from the basement**  
**Addendum 2: Fostex manual**

2/00 : Another frequent request I get is for operating manual instructions for the Fostex XR-7. More and more 4-track cassettes will be bought second-hand as a result of new products like the mini-disc and hard disc recorders making units like the XR-7 obsolete even if they're in mint condition. For anyone who didn't get the manual when they bought theirs here is some info that will hopefully help :

The XR-7 is a multitracker noted for its diversified functions and high-level sound quality.

It combines a 4-track recorder and a mixer with six inputs for two mikes. This unit is equipped with two AUX sends (switchable) for each channel and an AUX return that provides two stereo systems for reception.

A two-point shelving equalizer equipped in channels 1 - 4 is enhanced in channels 5 - 6 by a single parametric equalizer.

AA post-foldback send function enables additional effects for the foldback signal.  
The MIDI/TAPE multi-mix mode and a bi-alternate mix mode have been upgraded with  
an enhanced MIDI sequencer.

The first assignable parametric equalizer that facilitates mixdown is also incorporated.

The enhanced mixer enables a wide range of effect processing. The unit has six inputs which accommodate two mikes. Channels 5 - 6 enable mike input and are equipped with insertion terminals convenient for compressors, limiters and other devices.

Channels 5 - 6 are equipped with an adjustment trim level of range of -60 to -10dBV.

Channels 1 - 4 are equipped with a 2-point shelving equalizer. Channels 5 - 6 contain a 2-point shelving equalizer and a single parametric equalizer to enable ideal sound production.

The first assignable parametric equalizer. It is highly useful for mixdown operations. The 2-point shelving equalizers and single parametric equalizer found in channels 5 - 6 enable production of high-level demonstration tapes because it can be used to switch the UR stereo buss (CH5:L, CH6:R) when the mixdown is performed.

Alternative AUX send with master VR which is indispensable for ambient signal processing is provided in each channel. In order to feed a signal processor output, two stereo AUX returns are also provided.

Channels 1 - 4 are also equipped with an alternate mix mode which selects and starts the input signal from the input jack or the tape play-back for the foldback and input fader. Numerous applications are possible by using the prefader effect send and in-line monitor as well as using the unit as a

10-channel mixer.

A post foldback send function is equipped which realizes additional effects for the foldback signal. This enables new sound production possibilities such as applying reverb during monitoring tape.

The MIDI/TAPE multi-mix mode supports MIDI sync. Together with bi-alternate mix mode, all MIDI sound source output, tape playback sound and effect output can be mixed simultaneously in a single XR-7 while monitoring.

A foldback output terminal is equipped to enable sending the pre fader effect or monitor sending to the musician.

TAPE OUT 1 - 4 (terminal 4 also used for the SYNC terminal) are convenient for delay and chorus processing.

The 4-track recorder is capable of simultaneous 4-track recording. High-quality recording is enabled by the double-speed 3-3/4 ips tape speed which can be switched to 1-7/8 for practice. (The high speed setting is switchable by a combination press of the rehearsal and stop buttons.)

Dolby C (On/Off switchable) noise reduction is incorporated to ensure low-noise, pure recording.

The Punch In/Out function enables performance mistake correction and phrase insertion to be performed easily.

Punch In/ Out operations can be performed easily by foot by connecting the optional 8051 foot switch to the Punch In/Out jack on the front of the unit.

The rehearsal mode provides powerful support for the enhanced Punch In/Out function. (Only the monitor is switched and recording is not performed in this mode. This mode only operates at the 9.5cm/s speed.) A rehearsal which repeatedly performs the combination of zero return and auto play function is extremely convenient and ensures sound production that is highly complete.

A highly visible backlit LCD allows all XR-7 operation conditions to be verified in a single glance. Various operation settings such as the tape counter, tape speed, recorder transport ID, recording ready track, noise reduction, rehearsal mode and other settings are grouped together in a single display.

The pitch control mechanism enables variations in the tape speed of  $\pm 12\%$ .

#### SPECIFICATIONS:

INPUT(x4)

INPUT 1 - 4

Input Impedance: 10k Ohms

Rated Input Level: -10dBV

INPUT 5,6

Input impedance: 20k Ohms

Microphone Impedance: Less than 10k Ohms

Rated Input Level: -60 to -10dBV

INSERT 5/L, 6/R  
SEND (TIP)  
Output Load Impedance: More than 10k Ohms  
Rated Output Level: -10dBV  
RETURN (RING)  
Input Impedance: 10k Ohms

Rated Input Level: -10dBV  
AUX RTN 1, 2 (L, R)  
Input Impedance: 8k Ohms  
Rated Input Level: -20dBV  
AUX SEND 1, 2/FOLDBACK (FB)/TAPE OUTPUT (TAPE OUT 1 - 4/SYNC) STEREO OUT L,  
R/MONITOR OUTPUT (MON OUT L, R)  
Output Load Impedance: More than 10k Ohms  
Rated Output Level: -10dBV  
HEADPHONE OUTPUT (PHONES)  
Output Load Impedance: 40 Ohms  
Maximum Output Level: 80mW  
EQUALIZER (Shelving): 10kHz±12dB(HIGH) 100Hz±12dB(LOW)  
(Parametric) 10kHz±12dB(HIGH) 200Hz-5kHz ±12dB(MID) 100Hz±12dB(LOW)  
RECORDING TAPE  
C-60, C-90 (TYPE II / HIGH) POSITION  
TDK SA, MAXELL XL II or equivalent  
NOISE REDUCTION: Dolby C NR type (ON/OFF Switchable)  
TAPE SPEED: 9.5cm/s, 4.75cm/s (Switchable)  
PITCH CONTROL: ± 10% (at 9.5cm/s speed only)  
FREQ. RESPONSE: 20Hz-20kHz (Mixer), 40Hz-18kHz (Recorder)  
S/N: 65dB (DOLBY C NR IN, IHF-A)  
CROSSTALK: More than 50dB (1 kHz)  
POWERING: DC 12V (12-16V, Fostex AD-12T adaptor), 13W  
DIMENSIONS: 405(W) X 105(H) X 321(D)mm  
WEIGHT: 3kg

*add2-3*

*jw.*