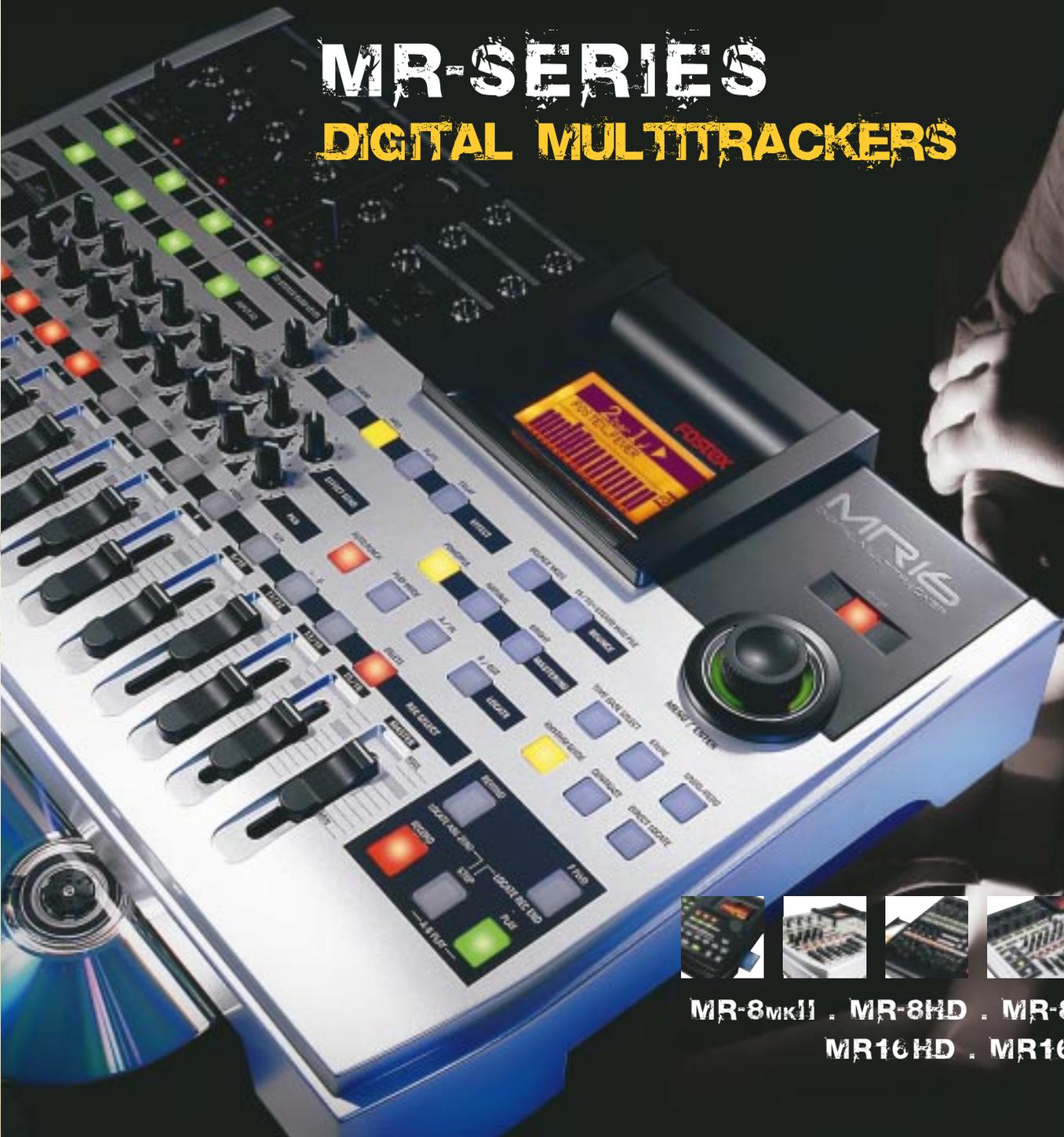


Fostex

MR-SERIES DIGITAL MULTITRACKERS



**MR-8_{MKII} . MR-8HD . MR-8HD/CD
MR16HD . MR16HD/CD**

MR-SERIES

DIGITAL MULTITRACKERS



MR16HD & MR16HD/CD

16 Recording Tracks to Hard Drive
16-bit resolution at 44.1 kHz - no compression

4 track Simultaneous Recording
Great for capturing multiple instruments / vocal parts

4 XLR Inputs
With phantom power and trim control

Extended Recording Time
More than 7.5 hours of 16-track recording at CD quality

Full 16-track bouncing
Mix-down all tracks in stereo

FAT32 Disc Format and WAV Recording
Plus USB port for easy transfer of recordings to PC

2 x AUX
For connection to outboard gear

S/P DIF Digital Out
For digital mastering to external CD recorder, MD etc.

Input EQ Library
35 sound shaping presets available for all inputs

Fantastic Built-In Digital FX
Reverbs, guitar amp simulations etc. (see MR-8HD)

Analog Guitar Distortion
Awesome distortion (see MR-8HD)

Direct CD-RW Connection via USB
Master direct to USB CD-RW (no PC required)

MR16HD/CD model
Features as above with in-built CD-RW



MR-8HD & MR-8HD/CD

8 Recording Tracks to Hard Drive
High quality sound - 16-bit resolution at 44.1 kHz
without quality-sapping compression

4 track Simultaneous Recording
Great for capturing multiple instruments / vocal parts

4 XLR Inputs
With phantom power and trim control

Extended Recording Time
More than 15 hours of 8-track recording at CD quality

Full 8-track bouncing
Mix-down all tracks in stereo

FAT32 Disc Format and WAV Recording
Plus USB port for easy transfer of recordings to PC
with 'WAV Manager' software

S/P DIF Digital Out
For digital mastering to external CD recorder, MD etc.

Fantastic Built-In Digital FX
Including reverbs, delays, guitar amp simulations and
microphone simulations

Analog Guitar Distortion
Plug a guitar right in - awesome distortion available
with dedicated control knob

Direct CD-RW Connection via USB
Master direct to USB CD-RW (no PC required)

MR-8HD/CD model
Features as above with in-built CD-RW



MR-8mkII Main Features

8 Recording Tracks to CompactFlash
High quality sound - 16-bit resolution at 44.1 kHz
without quality-sapping compression

2 track Simultaneous Recording
Great for capturing multiple instruments / vocal parts

2 XLR Inputs
With phantom power and trim control

Extended Recording Time
LP Mode (16-bit/22.05 kHz) doubles recording time

Full 8-track bouncing
Mix-down all tracks in stereo

WAV Recording
High Speed USB port for easy transfer of recordings to
PC with 'WAV Manager' software

Mains Power or Battery Operation
Approx. 4 hours operation time with batteries

Fantastic Built-In Digital FX
Including reverbs, delays, guitar amp simulations and
microphone simulations

Analog Guitar Distortion
Plug a guitar right in - awesome distortion available
with dedicated control knob

Direct CD-RW Connection via USB
Master direct to USB CD-RW (no PC required)

5 GREAT DIGITAL MULTITRACKERS

MR16HD

MR



MR-Series Digital Multitrackers

A choice of 5 multitrackers all featuring uncompromising sound quality and huge feature lists.

Lots of knobs. Loads of buttons. Easy to use cassette-like controls. - With a new Fostex MR digital multitracker you'll be creating your next hit within minutes of powering up and pluggin' in. But don't confuse ease of use with a lack of features as these machines offer stellar, un-compressed sound quality, phantom powered mic inputs and sparkling in-built digital effects. Love that? - Then get this; guitar amp and microphone simulation plus crunching analog guitar distortion.

Whether you go for the new MR16HD/CD with 16-track playback, CD mastering, 4 fully-featured inputs, AUX outs and 4-track simultaneous recording to hard drive, or opt for the convenience of the battery or mains powered MR-8mkII which records direct to CompactFlash, you'll have everything you need.

Cool and totally irresistible, The Fostex MR-Series.

MR-8HD



MR-8MKII



MR16HD & MR16HD/CD 16-track recording to HD

When inspiration hits, the last thing you need is a user interface that gets in the way. Slows you down. Turns you off. No fear of that. 25 knobs and 13 sliders get you immediate access to where the action is.

Unique to the MR16HD are 35 stellar EQ presets available to each input and 2 AUX sends for connecting to external gear. Add to this the convenience of WAV file recording, digital effects, mastering effects, analog guitar distortion and mic simulation and you've got just about the slickest, highest quality and downright easiest to use 16 track available on the market.

Also available with internal CD-RW for CD mastering, model MR16HD/CD.

MR-8HD & MR-8HD/CD 8-track recording to HD

No wading through confusing menus to crank up the built-in guitar distortion, the knob's are right there on the top panel making the MR-8HD a real joy to use. It features 4 balanced phantom powered XLR / unbalanced jack inputs and 8 tracks of true uncompressed CD quality recording (up to 4 tracks simultaneously), to the internal hard drive. There's built-in mic and guitar amp simulation, reverb / delay and cool mastering effects, plus a USB interface and the WAV file recording for easy transfer of recordings to and from a PC for further editing. The MR-8HD/CD features Track at Once or Disk at Once burning for maximum flexibility.

Fostex®



MR-8 mkII



MR-8HD



MR-8HD/CD



MR-16HD



MR-16HD/CD

MR-8mkII 8-track recording to CompactFlash

Quite possibly the dream solution. The ultra-convenient MR-8mkII features superb uncompressed multitrack recording to CompactFlash cards with battery or mains power. This makes it great for instant capture of your inspiration wherever you are; swirling guitar at the beach, mega vocals in an abandoned factory, you name it. You don't even need a microphone - it's got one built in. 2-track simultaneous recording is offered, as well as all the effects, simulators and analog guitar distortion features of its bigger brothers. New for the mkII is a High Speed USB port making for faster transfer of files to a PC for further editing.

GETTING A GREAT SOUND MADE EASY



Mic and Amp Simulation

Getting a great vocal or guitar sound has never been easier! Just plug your mic or guitar into Input A (no DI boxes, no pre-amps required) and choose from two types of insert effects: microphone or amplifier simulation. These effects can be used during recording and emulate popular microphone types and guitar amps.

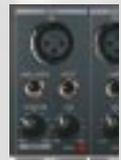
3 types of mic simulation are offered:

- Dynamic (Professional dynamic microphone)
- Condenser (studio condenser microphone)
- Tube (Studio tube microphone)

3 types of guitar amp simulation are offered:

- Brit Stack (British 800-series tube guitar head)
- US Metal (High gain metal guitar amplifier)
- Bass Combo (Popular tube combo amp)

In addition, you have full control over the built-in guitar distortion effect. Crank it up!



Reverb / Delay

The MR-Series also has 4 terrific types of built-in reverb / delay all featuring the newly-developed algorithm.

- Room reverb
- Plate reverb
- Hall reverb
- Delay

You can apply the reverb or delay to playback signals of tracks 1 through 4 during mixdown and track bouncing.



Mastering Effects

3 handy mastering effects are included which make getting a great sound a snap.

- Powerful (Adds power to the sound. Good for rock)
- Natural (Great for acoustic music)
- Bright (Gives the mix a 'snappy' feel)

You can use the mastering effects when bouncing more than one track to a stereo track or when mixing down tracks to the master stereo L/R output for external mastering.



Unique to the MR16 and MR16HD/CD

The 16 track MR models have the added benefit of cool sound-shaping capabilities in the form of 35 stellar input EQ presets with are available to all input channels at a touch of a button. These ultra-usable presets have been tailored by Fostex sound engineers to make the process of recording a great sound easier.

- Bright
- Loudness
- Warm
- Tight Drums
- Loud Drums
- Heavy Kick
- Tight Kick
- Norm Snare
- Fat Snare
- Warm Bass
- Tight Bass
- Acoustic Guitar
- Distortion
- Acoustic Piano
- Warm Vocal
- Bright Vocal
- Background Vocal
- Narration
- 3 x Radio presets
- Phase Inverse



- 3 x High Pass Filters
- 4 x Low Pass Filters
- 3 x Noise Remover
- 2 x Hum Remover

MR16HD INPUT EQ LIBRARY

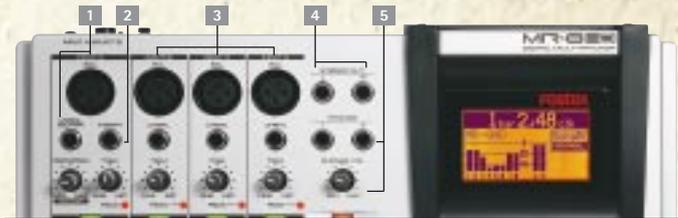


MR-8mkII Interfacing

- 1 Input A: Unbalanced guitar input or Balanced XLR mic input
- 2 Guitar distortion control
- 3 Input B: Unbalanced line input or Balanced XLR mic input
- 4 Master Stereo Out
- 5 2 x Headphone Outs with level control

- 6 USB connector
- 7 Footswitch
- 8 Input A selector

- 9 MIDI Out
- 10 USB Host
- 11 CompactFlash port

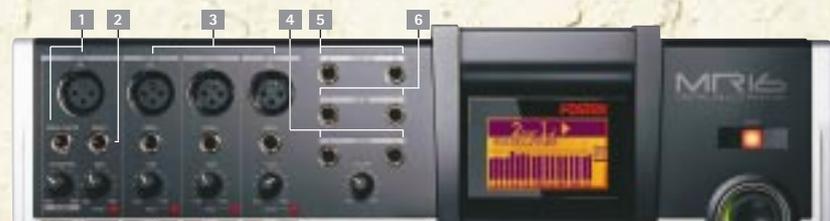
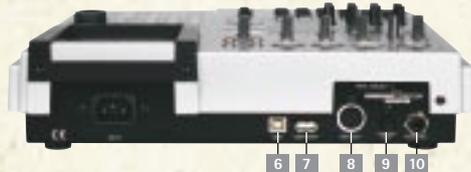


MR-8HD Interfacing

- 1 Input A: Unbalanced guitar input or Balanced XLR mic input
- 2 Insert point (TRS phone jack)
- 3 Inputs B, C, D Inputs: Balanced XLR and unbalanced jack
- 4 Master Stereo Out
- 5 2 x Headphone Outs with level control

- 6 USB connector
- 7 USB Host
- 8 MIDI Out

- 9 Optical S/P DIF Out
- 10 Footswitch



MR16 Interfacing

- 1 Input A: Unbalanced guitar input or Balanced XLR mic input
- 2 Insert point (TRS phone jack)
- 3 Inputs B, C, D Inputs: Balanced XLR and unbalanced jack
- 4 2 x Headphone Outs with level control
- 5 Master Stereo Out
- 6 2 x AUX Sends

- 7 USB connector
- 8 USB Host
- 9 MIDI Out

- 10 Optical S/P DIF Out
- 11 Footswitch



RECORDING / PLAYBACK

	MR-8mkII	MR-8HD & MR-8HD/CD	MR16HD & MR16HD/CD
Recording Medium	CompactFlash	3.5 inch, hard disk (E-IDE type)	3.5 inch, hard disk (E-IDE type)
Recording Time	Approx. 6 mins (8-track on 256MB)	Approx. 943 mins (8-track on 40GB)	Approx. 471 minutes (16-track on 40GB)
Sampling Frequency	44.1 kHz (normal), 22.05 kHz (LP)	44.1 kHz (Format FAT32)	44.1 kHz (Format FAT32)
Quantization	16-bit linear (non-compression)	16-bit linear (non-compression)	16-bit linear (non-compression)
A/D & D/A Converters	24-bit Delta-Sigma	24-bit Delta-Sigma	24-bit Delta-Sigma
No. of Recording Track	8 tracks maximum	8 tracks maximum	16 tracks maximum
No. of Simultaneous Rec.	2 tracks	4 tracks	4 tracks
Recording/Reproduction	Frequency 20 Hz - 20 kHz	Frequency 20 Hz - 20 kHz	Frequency 20 Hz - 20 kHz
Dynamic Range	87dB or more (typical)	88dB or more (typical)	89dB or more (typical)
T.H.D.	0.05% or less (typical)	0.05% or less (typical)	0.06% or less (typical)

INPUTS/OUTPUTS

	MR-8mkII	MR-8HD & MR-8HD/CD	MR16HD & MR16HD/CD
Analog In (4ch) Connector	XLR-3-31 type (Pin2:hot) and ø 6mm phone	XLR-3-31 type (Pin2:hot) and ø 6mm phone	XLR-3-31 type (Pin2:hot) and ø 6mm phone
Input Level	-48dBu(MIC) - +4dBu(LINE)	-48dBu(MIC) - +4dBu(LINE)	-48dBu(MIC) - +4dBu(LINE)
Input Impedance	> 1.5k ohm (MIC/BAL) > 500k ohm (GUITAR/UNBAL)	> 1.5k ohm (MIC/BAL) > 40k ohm (LINE/UNBAL) > 500k ohm (GUITAR/UNBAL)	> 1.5k ohm (MIC/BAL) > 400k ohm (GUITAR/UNBAL)
Phantom Power	+48v (on/off selectable)	+48v (on/off selectable)	+48v (on/off selectable)
AUX Out Connectors	•	•	ø 6mm phone x 2
Output Level			-10dBV (unbalance)
Load Impedance			10k ohm or more
Stereo Out (L, R) Connector	ø 6mm phone x 2	ø 6mm phone x 2	ø 6mm phone x 2
Output Level	-10dBV (unbalance)	-10dBV (unbalance)	-10dBV (unbalance)
Load Impedance	10k ohm or more	10k ohm or more	10k ohm or more
Headphones Connector	2 x ø 6mm stereo phone	2 x ø 6mm stereo phone	2 x ø 6mm stereo phone
Max. Output	20mW or more (@32 ohm)	20mW or more (@32 ohm)	50mW or more (@32 ohm)
Load Impedance	16 ohm or more	16 ohm or more	16 ohm or more
MIDI Out Connector	DIN 5 pin	DIN 5 pin	DIN 5 pin
Foot Switch Connector	ø 6mm phone	ø 6mm phone	ø 6mm phone
Digital Out Connector	•	Optical	Optical
Format	•	IEC 60958 (S/P DIF) 44.1kHz	IEC 60958 (S/P DIF) 44.1kHz
USB 2.0 Hi-Speed	B Type connector	B Type connector	B Type connector
USB 1.1 Host	A Type connector	A Type connector	A Type connector
GENERAL			
Dimensions	286(W) x 219(D) x 67(H) mm	312(W) x 264(D) x 88(H) mm (110(H)mm with CD)	400(W) x 264(D) x 85(H) mm
Weight	1.6 kgs	3 kgs (MR-8HD) 3.5kg with CD	3.2 kgs (MR16) 3.5kgs with CD
Power Requirement	100V - 230V, 50/60Hz	100V - 230V, 50/60Hz	100V - 230V, 50/60Hz
Power Consumption	Fostex AC Adaptor, AD12A DC12V	14W	14W

MR-Series Digital Multitrackers

Fostex

www.fostex.jp

Fostex Company, 3-2-35 Musashino, Akishima, Tokyo, Japan 196-0021
Tel: +81 (0)42-546-4974 Fax: +81 (0)42-546-9222

Fostex America, 13701 Cimarron Avenue, Gardena, CA 90249
Tel: (+1) 310-329-2960 Fax: (+1)310-329-1230. www.fostex.com

Distributor / Authorised Dealer