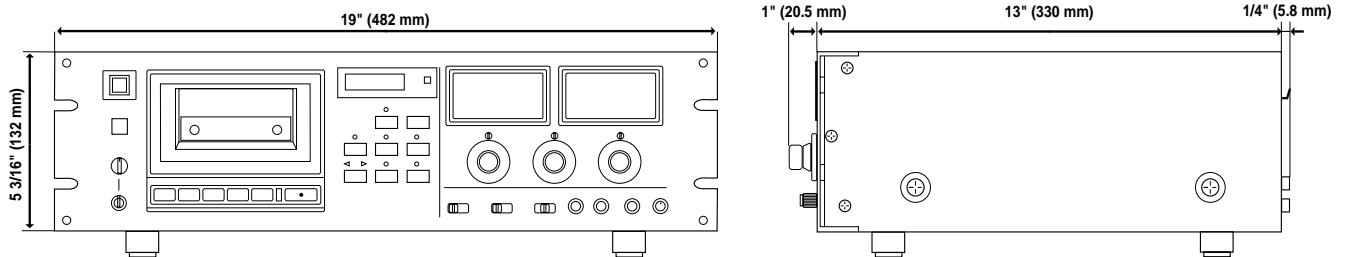


112 MKII



Sound Price/Performance For Basic Mastering

TASCAM designed the 112 MKII stereo cassette deck to offer musicians and production studios alike a cost-effective cassette production/mastering deck. The 112 MKII is a basic, 2-head no-frills "workhorse" that offers outstanding performance, stability and reliability for any number of basic recording applications; tape mastering, dubbing from external decks, and radio program archiving. Still, it boasts a robust feature set that is geared toward producing high-quality tapes with optimal signal levels and high frequency detail.

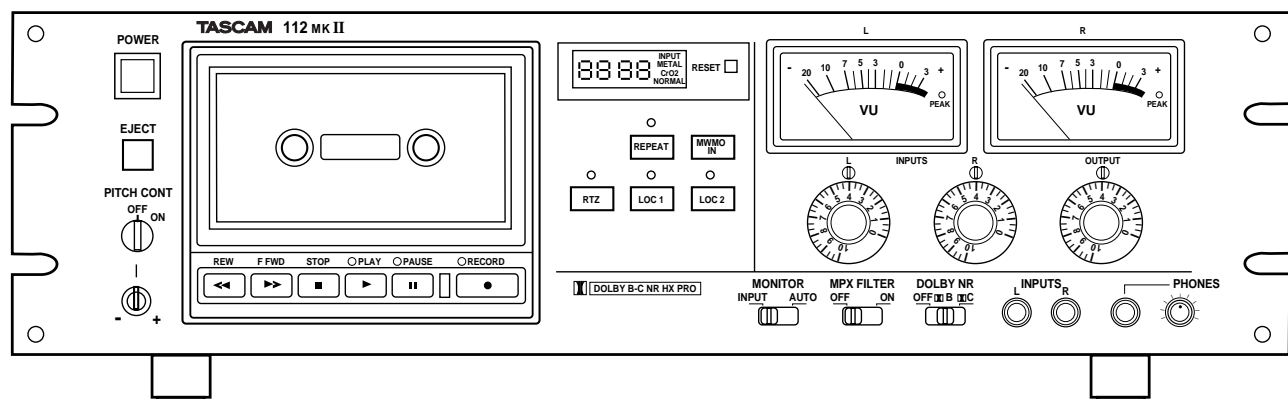
Rugged, Cost-Effective 2-Head Transport For Smooth, Faultless Tape Handling

The 112 MKII is equipped with TASCAM's rugged, conventional 2-head design. The reliability of this system is well-documented among recording professionals, who vouch for its superior stability and reliability.

Automatic Tape Bias Selection For Error-Free, Optimal High Frequency Response

Proper bias type is automatically selected when a tape is placed in the deck; you get optimal recording and playback response with Normal, Metal or CrO₂ tapes.

Front Panel-112 MKII



Stereo VU Meters & Input/Output Dials Ensure Optimal Sound Levels

The input dials on the 112 MKII are gear-interdependent, allowing you to dial in stereo VU calibration with one dial. Or, for channel-specific calibration, hold one dial still while adjusting the other. Either way, you get consistent, cleaner, more dynamic mixes.

Dolby HX Pro For Highest Quality Without Distortion

For maximum high-range clarity and reproduction precision, the 112 MKII is equipped with the Dolby HX Pro headroom extension system. HX pro is an active biasing system that minimizes the effect of high frequency music signals on the deck's bias signal, achieving up to 6 dB greater headroom at the higher music frequencies. What's more, HX Pro is a record-only process, so tapes recorded with HX Pro can be played back on any other cassette deck.

The 112 MKII also utilizes your choice of popular Dolby B or C noise reduction when recording, to further position your tape for best results from other playback decks.

3-Point Memory Features Speed Editing/Review

When editing program material or engaging in critical listening, the 112 MKII offers two Autolocator buttons (LOC 1 and LOC 2) and a MEMO IN control.

These intuitive controls allow editors to select two points on any tape for one button forward/reverse to wherever the action is. Once the two points are set, the REPEAT button allows you to loop between the two points with one-touch convenience.

Additionally, Return-to-Zero (RTZ) quickly spools the tape back to 0000 on the 112 MKII's four-digit index tape counter.

Easy Integration Into Personal, Project & Production Studios

The 112 MKII features rear-mounted RCA input and output jacks for easy connection to audiophile-quality sources.

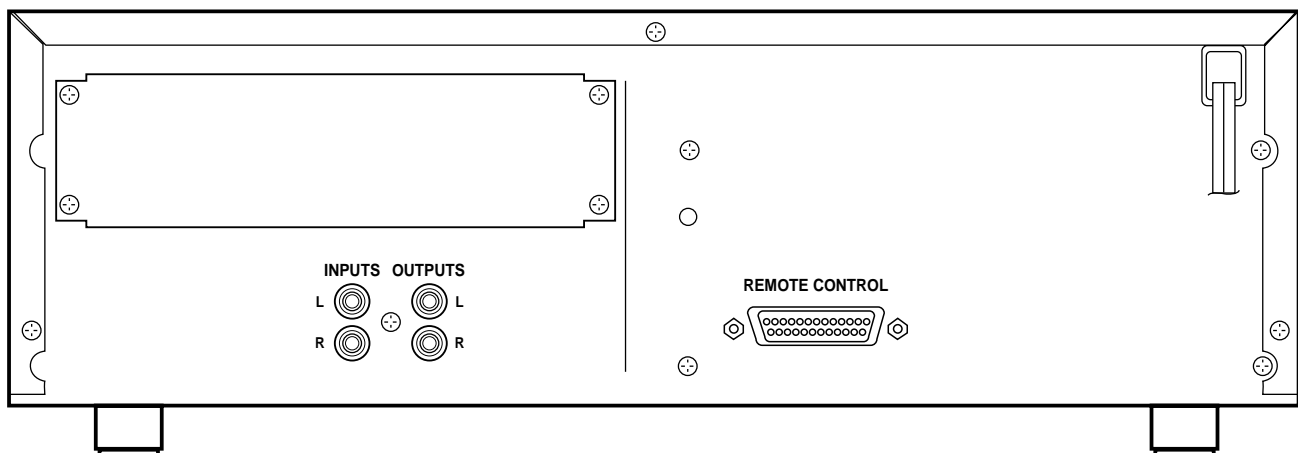
Optional Balanced Connector Kit

If your input requirements include balanced or unbalanced XLR connectors, the optional LA-112 connector kit will provide the additional inputs. After a simple installation procedure that requires no special tools, both balanced and unbalanced line inputs and outputs will be available, selectable with the flip of a back-panel switch.

Parallel Port For External Control

For hands-off mastering in professional recording environments, you'll find a 25-pin D sub connector on the 112 MKII back panel. This link connects the tape deck to the optional RC-134 remote control unit or for fader start from any mixer that also uses the 25-pin D sub protocol.

Rear Panel-112 MKII



SPECIFICATIONS

Track System:	4-Track, 2-Channel Stereo
Head Configuration:	1 Record/ Repro combination head (permalloy)/Half Track/ 1 ferrite Erase head
Tape Type:	Compact Cassette tape C-30 to C-90 (Normal/CrO ₂ /Metal)
Tape Speed:	4.8 cm/sec (1-7/8 ips)
Motors:	1 DC servo capstan motor; 1 DC reel motor; 1 DC ancillary motor
Pitch Control:	±12% (approx.)
Line Input:	• Rear RCA jack/front 1/4" jack
Nominal input level:	-10 dBV (0.3 V)
Minimum input level:	-18 dBV (126 mV)
Input impedance:	20k ohms, unbalanced
• XLR-type jack (optional; -LA-112 required)	
Nominal input level:	+4 dBV (1.23 V)
Input impedance:	10k ohms, balanced
Line output:	• RCA jack (rear)
Nominal output level:	-10 dBV (0.3 V)
Maximum output level:	-2 dBV (0.8 V)
Output impedance:	100 ohms
Load impedance:	25k ohms or more
• XLR-type jack (optional; -LA-112 required)	
Nominal output level:	+4 dBV (1.23 V)
Minimum load impedance:	600 ohms
Headphone Output:	100 mW (8-ohm load)
Bias/Erase Frequency:	100 kHz
Equalization:	3180 μs + 70 μs (CrO ₂ /Metal) 3180 μs + 120 μs (Normal) Reference Recording
Level:	250 nWb/m = 0 VU (315 Hz) (EIAJ); With Dolby: 200 nWb/m = -1 VU
Remote Connector:	25-pin D-sub

Power Requirements:	120 V AC, 60 Hz (U.S./Canada model) 230 V AC, 50 Hz (Europe model) 240 V AC, 50 Hz (U.K./Australia model)
Power consumption:	20W
Weight:	8.4 kg (18-8/16 lbs)

TYPICAL PERFORMANCE

Speed Accuracy:	± 1.0%
Wow and Flutter ¹ :	less than 0.04% (WRMS)
Fast Winding Time:	Approximately 70 sec for C-60 (Frequency Response ²)
(Overall, EIAJ, without NR):	25 Hz to 19 kHz, ±3 dB (Metal) 25 Hz to 18 kHz, ±3 dB (CrO ₂) 25 Hz to 16 kHz, ±3 dB (Normal)
Distortion ² :	less than 1.0% at 1 kHz, 160 nWb/m (Metal)
Signal-to-Noise Ratio (Metal tape):	59 dB (without NR, ref. 3% THD level, WTD) 68 dB (Dolby-B NR, over 5 kHz) 78 dB (Dolby-C NR In, over 1 kHz)
Channel Separation ² :	45 dB or better (1 kHz)
Erase Ratio ² :	65 dB or better (1 kHz)

In these specifications, 0 dBV is referenced to 1 Volt, and 0 dBm is referenced to 0.775 Volt. Actual voltage levels are shown in parenthesis.

- 1) Measurements made with TEAC test tape MTT-111
- 2) Measurements made with TEAC blank test tapes MTT-5571 (Metal), MTT-5562 (CrO₂) and MTT-5512 (Normal).

Specifications and features subject to change without notice or obligation.



For more information about other TASCAM FAXBACK literature, call 1-800-827-2268.

TASCAM®

Take advantage of our experience.