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You can read the recommendations in the user guide, the technical guide or the installation guide for RANE TTM 56S. You'll find the answers to all your questions on the RANE TTM 56S in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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DATA SHEET

TTM 56S
PERFORMANCE MIXER



Description

Rane takes performance mixer design as seriously as performing DJs take their art form. The TTM 56S is flexible, durable, and feature packed. The audio quality of the TTM 56S qualifies it for use in the most demanding live venue, recording studio or live broadcast applications.

Non-Contact Magnetic Crossfader and Channel Faders

Rane's patented magnetic fader is the fastest, most accurate, and longest lasting on the planet. The design uses non-contact magnetic position sense technology previously reserved for the most demanding aerospace and industrial applications. *No travel noise - No break - Ever!* Unlike optical non-contact faders, the magnetic fader is impervious to smoke, moisture, temperature and aging. The electrical performance is totally unaffected by use. The mechanical life of the magnetic fader exceeds 10 million operations.

These magnetic faders know exactly what your hand is doing! A proprietary curve-translation module converts your hand motion into precise audio level control. Each of the Crossfader and Channel Fader controls include a Reverse switch and an *independent* continuously adjustable Contour control, adjusting from a smooth blend to extremely fat cut.

Post-Fader FlexFX™

Rane's proprietary FlexFX effects loop switches route Program 1 and/or Program 2 to the effects loop. A Wet/Dry pan control gives the user total control of how much processed signal is in the mix. The effects loop is *post-fader*, so reverb and other delay effects respond to both Channel Faders and Crossfader without cutting off tails.

Stereo Metering

The TTM 56S features two 10-segment meters with peak hold. A source switch allows users to select dual-mono Cue or Stereo Master operation. No stress about dropping a channel without knowing.

Auxiliary Input and Output (Session Mix)

A stereo Aux Input with a Level control provides input for a session mix, drum machine or other auxiliary input signal. The stereo Aux Output with Level control provides output for session mix, booth monitoring, recording or second zone.

3-Band Accelerated-Slope™ Full-Cut EQ

The TTM 56S provides 3-band, full cut tone controls for Program 1 and Program 2. EQ engage switches allow A/B comparison and the ability to quickly cut or add EQ effect.

TTM 56 to TTM 56S

The TTM 56 has been the world's most popular battle DJ mixer for many years. The new TTM 56S improves with a universal internal power supply that works almost anywhere in the world (100-240 VAC). All four inputs are now Phono/Line switchable, now letting you plug in 4 turntables or 4 CD players, or any combination. Both 1/4" and 3.5 mm headphone jacks are now provided. The Transform switches are now Kill switches, and the occasionally confusing and rarely-used Mode switches have been removed. Operation is simplified by putting all the controls you need on top, and increasing the width by one inch.

Data Sheet-1



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Manual abstract:

@@@The design uses non-contact magnetic position sensor technology previously reserved for the most demanding aerospace and industrial applications.

No travel noise - No bleed - Ever! Unlike optical non-contact faders, the magnetic fader is impervious to smoke, moisture, temperature and aging. The electrical performance is totally unaffected by use. The mechanical life of the magnetic fader exceeds 10 million operations. These magnetic faders know exactly what your hand is doing! A proprietary curve-translation module converts your hand motion into precise audio level control. Each of the Crossfader and Channel Fader controls include a Reverse switch and an independent continuously adjustable Contour control, adjusting from a smooth blend to extremely fast cut. Post-Fader FlexFx™ Rane's proprietary FlexFx effects loop switches route Program 1 and/or Program 2 to the effects loop. A Wet/Dry pan control gives the user total control of how much processed signal is in the mix. The effects loop is post-fader, so reverb and other delay effects respond to both Channel Faders and Crossfader without cutting off tails. @@@@Both 1/4" and 3.

5 mm headphone jacks are now provided. @@@ Continuously adjustable Contour adjustments for all faders. @@ Input Gain control. 3-band Accelerated-Slope™, full cut (+6 dB to off) EQ. FlexFXTM effects loop assignment with Wet / Dry control.

@@ Independent Balanced and unbalanced Master Outputs. @@ Headphone monitoring with: Master / Cue select switch with Cue Pan control. Powerful headphone amplifier with Level control. Top panel is luminescent under black light. Example System Data Sheet-3 TTM 56S PERFORMANCE MIXER Rear View TTM 56S MADE IN U.

S.A. RANE CORP. U.S. PATENT 6,813,361 COMMERCIAL AUDIO EQUIPMENT 24TJ Side View .7" MAX PROJECTION (WITHOUT CABLES) R ACN 001 345 482 POWER MASTER OUTPUTS L OUT AUX L FlexFX IN L PHONO GROUNDS PGM 2 4 3 L L PGM 1 2 1 L PHONO 4321 BALANCED MIC RETURN R R 100-240V 50/60 Hz 20 WATTS SEND R R R R EFFECTS O N 1 2 3 4 BALANCED OUT IN UNBALANCED 4 3 2 1 4321 LINE TIP = SEND RING = RTN Accessories CASE 2 Road Case This durable Pelican™ case has added space beneath the mixer for headphones, cables, phono cartridges and other small items. The case measures 7.5" x 15.75" x 19.

75" (19 x 40 x 50 cm) and weighs 9 pounds (4 kg). MFC 1 Mixer Foam Cover This dense foam cover is an inexpensive protection for mixer knobs and sliders. The cover installs easily with two velcro straps. Put your TTM 56S in a suitcase or backpack without fear of damaging the controls on the way to your show.

@@The cover weight is only 5.2 ounces (148 grams). @@@@DOC 111499 .



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