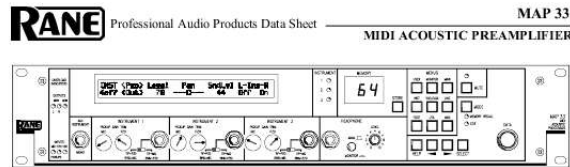




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for RANE MAP 33. You'll find the answers to all your questions on the RANE MAP 33 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual RANE MAP 33  
User guide RANE MAP 33  
Operating instructions RANE MAP 33  
Instructions for use RANE MAP 33  
Instruction manual RANE MAP 33



## MAP 33 Midi/Programmable Acoustic Instrument Preamp

Rane's renowned signal processing and digital expertise have combined to create a quantum breakthrough in acoustic instrument amplification. The MAP 33 effectively preserves complex acoustic timbre through a unique system that processes two different pickups separately with an impressive arsenal of programmable functions. Now acoustic instruments can at last share the forefront along with electric instruments live on stage, with full acoustic timbre, powerful volume, sustain, and minimum feedback.

**3 SEPARATE STEREO 1/4" DUAL-PICKUP INSTRUMENT INPUTS:** Select between three separate instruments, already plugged in and pre-programmed to optimum sound quality and volume.

**BOTH MIC AND PIEZO PICKUPS FOR EACH INSTRUMENT:** Only both type of pickups, with separate programmable 7-band equalization, filtering and balance, can enable the kind of accurate, full-bodied acoustic sound the MAP 33 can deliver, with both timbre and sustain reproduced without incapacitating feedback. You can easily configure the MAP 33 for phantom power on either the tip or ring of the 1/4" jack depending on the requirements of your instrument's particular set-up.

**ADDITIONAL VOCAL MIC AND STEREO LINE INPUTS** allow you to use the MAP 33 as a compact solo-act processor. You can plug in your favorite vocal mic, cue up a background cassette tape or a drum machine, and the MAP 33 will handle it all. You even get a separate programmable 7-band equalizer for the vocal mic, plus an effects loop for sweetening.

**SEPARATE PROGRAMMABLE MONITOR OUTPUT** features its own 7-band equalizer, invert switch, and independent mix of vocal, instrument pickup and line levels: all programmable! The result: superb stage monitor sound quality and balance, with dramatically reduced feedback—a revolutionary phenomenon for the acoustic musician!

**A FULL COMPLEMENT OF INPUTS, OUTPUTS AND INSERT LOOPS** on the rear panel allow flexible use of foot controllers, reverb and effects, auxiliary sends and much more. Turn the page for a look at the rear panel, block diagram and basic functions of the powerful MAP 33.

**64 SEPARATE MEMORY SETTINGS OF THE ENTIRE MAP 33 CONFIGURATION:** Once you have fine-tuned all of the filters and levels and options for the instrument you've chosen, simply save the configuration into permanent memory. The MAP 33 will memorize 64 different set-ups, which can be instantly recalled via the front panel, foot-switch, or MIDI program change command. You can even have two programs for the same instrument: one for rhythm and one for lead, and change back and forth while playing.

**EXTREMELY USER-FRIENDLY DESIGN:** Exhaustive design effort went into giving the MAP 33 unprecedented operational ease—a real accomplishment given all of the MAP 33's sophisticated capabilities. You can design your own User's Menu, to allow you to quickly access those functions you'll be using on stage. Separate LCD and LED displays clearly show you memory location and the various menu parameters. The data wheel gives you quick and natural response.

**POWERFUL BUILT-IN SOFTWARE:** The MAP 33 even has a built-in set-up procedure to get you up and running without getting buried in an owner's manual (and by the way, the MAP 33 does come with a damn good owner's manual). A dedicated Help button provides instant explanation of whatever function you're working with.

**BUILT-IN HEADPHONE OUTPUT** allows you to monitor either the Main output or the Monitor output, depending on your requirements. The MAP 33 is as comfortable in the recording studio as it is on stage.

**RC 6 REMOTE CONTROLLER** option is available, a compact mic-stand mountable box which plugs into the rear of the MAP 33 and allows direct control over six different functions. Simply reach down and twist a knob to instantly control volumes, balance, EQ, or other selected functions—without having to turn around and punch front panel buttons.

**AP 13 ACOUSTIC PREAMP** is also available, a compact non-programmable version of the MAP 33 which provides separate dual-pickup processing for accurate sound reproduction of a single instrument. Ask your local Rane dealer for more information on the AP 13.



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**Manual abstract:**

The MAP 33 effectively preserves complex acoustic timbre through a unique system that processes two different pickups separately with an impressive arsenal of programmable functions. Now acoustic instruments can at last share the forefront along with electric instruments live on stage, with full acoustic timbre, powerful volume, sustain, and minimum feedback. @@@@ADDITIONAL VOCAL MIC AND STEREO LINE INPUTS allow you to use the MAP 33 as a compact solo-act processor. You can plug in your favorite vocal mic, cue up a background cassette tape or a drum machine, and the MAP 33 will handle it all. You even get a separate programmable 7band equalizer for the vocal mic, plus an effects loop for sweetening. SEPARATE PROGRAMMABLE MONITOR OUTPUT features its own 7-band equalizer, invert switch, and independent mix of vocal, instrument pickup and line levels: all programmable! The result: superb stage monitor sound quality and balance, with dramatically reduced feedback a revolutionary phenomenon for the acoustic musician! A FULL COMPLEMENT OF INPUTS, OUTPUTS AND INSERT LOOPS on the rear panel allow flexible use of foot controllers, reverb and effects, auxiliary sends and much more. Turn the page for a look at the rear panel, block diagram and basic functions of the powerful MAP 33. 64 SEPARATE MEMORY SETTINGS OF THE ENTIRE MAP 33 CONFIGURATION: Once you have fine-tuned all of the filters and levels and options for the instrument youve chosen, simply save the configuration into permanent memory. The MAP 33 will memorize 64 different set-ups, which can be instantly recalled via the front panel, foot-switch, or MIDI program change command. @@@@The data wheel gives you quick and natural response. @@@@Data Dials The RC 6 provides six Data dials, numbered 1-6. Data dial 1 controls the first parameter in the MAP 33 User menu, Data dial 2 controls the second User menu parameter, and so on. To assign MAP 33 parameters to the RC 6 Data dials, you simply paste the desired parameters into the first six positions in the User menu. Footswitch Range Select Buttons The RC 6 provides three buttons and LEDs labeled A, B, and C. These controls correspond to the three Memory Foot Switch ranges, assigned on page 2 of the MAP 33 Foot menu. Pressing the A, B, or C buttons assigns a range to the MAP 33s external Memory Switch. The LEDs indicate which range is active. Tip: If the starting program in each memory range is assigned to a different instrument, these switches can function as an instrument select. Lockout Switch The Lockout switch enables/disables the RC 6 when in the Norm/Lock position, respectively. RC 6 commands are sent as MIDI SysEx messages to the MAP 33. If you send RC 6 commands and MIDI commands into the MAP 33 simultaneously, they will conflict. @@@The RC 6 clamps to any mic stand, vertically or horizontally. @@MIDI Mounting the RC 6 ©Rane Corporation, 10802 47th Avenue W., Mukilteo WA 98275-5098 TEL(206) 355-6000 FAX(206) 347-7757 Printed in the U.S.A. on Recycled Paper All features & specifications subject to change without notice. 520-378 NOV94 .



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