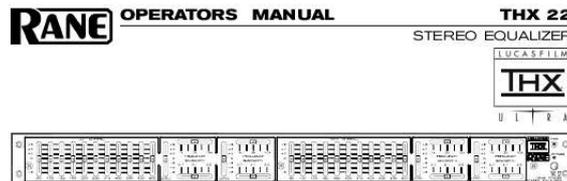




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for RANE THX 22. You'll find the answers to all your questions on the RANE THX 22 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual RANE THX 22
User guide RANE THX 22
Operating instructions RANE THX 22
Instructions for use RANE THX 22
Instruction manual RANE THX 22



QUICK START

Great video is easy; great audio is hard, but an THX 22 makes it a lot easier. Read at least this boxed section and you'll be on your way toward great audio.

For a fully THX equalized system, use the THX 22 for surround channels in conjunction with the THX 44 equalizer for the front channels. The THX 22 may be used to equalize the surrounds of any 5.1 channel system, or as a regular stereo equalizer.

Hook-up is intuitive: In from the controller, out to the amplifiers. Just follow the silkscreened legends near the gold-plated RCA jacks on the rear of the unit.

Familiarity with other graphic and parametric equalizers makes the THX 22 just as familiar. If this is your first equalizer, be gentle; it can overwhelm you.

Use the BYPASS switch as an aid in comparing equalized results with unequalized results. Pushbutton *in* and locked (LED *on*) is the bypassed (unequalized) mode; pushbutton *out* (LED *off*) is the normal equalized mode. See the Operating Instructions on the page Manual-4 for alignment information.

Install the supplied security cover after completing all settings. Be sure the **POWER** light fits snugly into the hole in the security cover.

Never connect anything except an approved Rane power supply to the thing that looks like a red telephone jack on the rear of the unit. This is an AC input and requires special attention if you do not have a power supply *exactly* like the one originally packed with your unit. See the full explanation of the power supply requirements on page Manual-3.

THX 22 CONNECTION

When first connecting the THX 22 to other components, *leave the power supply for last.* This gives you a chance to correct mistakes before damaging fragile speakers, ears and nerves. The THX 22 locates between the preamplifier/processor and the amplifier.

INPUTS AND OUTPUTS

Connections are actively unbalanced and fitted with RCA phono pin jacks. Use good quality cables and keep lengths as short as possible. Longer length require balanced lines, using an adaptor such as a Rane BB 44X Balance Buddy.

SIGNAL LEVELS

The THX 22 is designed for audio reference levels of 0 dB (150 mV rms), and provides a minimum headroom of 34.5 dB above reference, making it virtually undroppable.

With all LEVEL controls located in their 0 dB detented positions, the THX 22 operates with unity gain from Input to Output. No additional gain settings are necessary. Use the THX 22 only for specific equalization, not level control.

When connecting the THX 22 to a balanced source or amplifier, use the Rane BB 44X to provide isolation, level matching, balanced-to-unbalanced conversion and vice-versa.

WEAR PARTS: This product contains no wear parts.
THX is a registered trademark of Lucasfilm Ltd.
Dolby and the double D symbol are trademarks of Dolby Laboratories Licensing Corporation

Manual-1



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A "Wow" Laserdisc may not be available. For these situations, some temporary patching is required. Connect the pink noise to an auxiliary Left input on the processor. Temporarily connect the preamps Left front output to the Left THX 22 Input. Connect the THX 22 Outputs to an amplifier and surrounds.

With the THX 22 set flat (0 dB), adjust volume to a comfortable level on the processor and leave it set. Perform the left surround alignment.

@@@@@@@@@USING THE BYPASS SWITCH The THX 22 provides an overall BYPASS switch & indicator as a useful tool for optimizing settings. Use the BYPASS switch for making quick "A-B" comparisons, i.e.

, comparing "A", equalized (BYPASS out, LED off), versus "B", unequalized (BYPASS in, LED on). Since the THX 22 always operates at unity gain in the BYPASS mode, comparison can result in startling level differences between the two when a lot of boosting or cutting has been done. Therefore, keep the system level down during the first use of the BYPASS switch. Be careful! ©Rane Corporation 10802 47th Ave. W.

, Mukilteo WA 98275-5098 TEL (425)355-6000 FAX (425)347-7757 WEB <http://www.rane.com> Manual-4 103096.



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