



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for RANE CP 62. You'll find the answers to all your questions on the RANE CP 62 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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RANE Professional Audio Products Data Sheet **CP 62**
COMMERCIAL PROCESSOR



General Description

The CP 62 Commercial Processor is a switching/paging controller aimed at commercial establishments. The CP 62 forms the heart of typical sound systems found in restaurants, bars, health clubs and offices. Ease of use, compact size, low cost and straightforward installation are our top design priorities.

Four stereo Line Inputs can be separately assigned to two Zones—one mono, and one stereo/dual mono switchable. Individual Zone Ducker circuits provide local or remote telephone or microphone paging over background music. The Phone Line and Mic Inputs have separate Level, Ducker Sensitivity and Depth controls, and may be prioritized and assigned to either or both Zones.

Three levels of priority can be assigned to the inputs. For instance, background music can be playing through one of input Lines 1-3. For example, a jukebox is connected to the Line 4/Priority Input and someone drops a quarter (dollar?) in it, the jukebox is automatically selected when the CP 62

receives the audio signal. If a signal is received from the paging microphone, the music ducks temporarily to accommodate the page. An internal jumper can prioritize Phone Line over Mic or vice versa. When the Line 4/Priority Input signal ceases for 30 seconds, the CP 62 automatically switches back to the previously assigned Input, and volume is slowly faded back via automatic circuitry.

Additionally, each Zone has a ± 12 dB, 7-band graphic EQ. Levels and source selection are controlled by either the front panel or by wired remote control(s). Simple potentiometers and contact closures remotely control VCAs in the CP 62. No audio passes through the remote control units.

Rear panel Maximum Output controls can be set to prevent system overload, assuring employees a sense of decorum at all times in finer establishments. The front panel has a user-friendly layout in a single-space 19" rack-mount package.

Features

- FOUR STEREO LINE INPUTS
- TWO ZONE OUTPUTS
- AUTOMATIC PRIORITY INPUT
- MIC & LINE PAGING WITH DUCKING
- ± 12 dB 7-BAND GRAPHIC EQ FOR EACH ZONE
- INSERTS FOR EACH ZONE
- MAXIMUM OUTPUT CONTROLS
- CPR 1 REMOTE PAGING ZONE ASSIGN SWITCH AVAILABLE
- CPR 2 REMOTE SOURCE SELECTION & VOLUME CONTROL AVAILABLE
- UL/CSA/TUV/CE EMC APPROVED POWER SUPPLY



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Manual abstract:

The CP 62 forms the heart of typical sound systems found in restaurants, bars, health clubs and offices. Ease of use, compact size, low cost and straightforward installation are our top design priorities. @@@@Three levels of priority can be assigned to the Inputs. For instance, background music can be playing through one of input Lines 1-3. For example, a jukebox is connected to the Line 4/Priority Input and someone drops a quarter (dollar?) in it, the jukebox is automatically selected when the CP 62 receives the audio signal. If a signal is received from the paging microphone, the music ducks temporarily to accommodate the page. An internal jumper can prioritize Phone/Line over Mic or vice versa. When the Line 4/Priority Input signal ceases for 30 seconds, the CP 62 automatically switches back to the previously assigned Input, and volume is slowly faded back via automatic circuitry. Additionally, each Zone has a ± 12 dB, 7-band graphic EQ. Levels and source selection are controlled by either the front panel or by wired remote control(s).

Simple potentiometers and contact closures remotely control VCAs in the CP 62. No audio passes through the remote control units. Rear panel Maximum Output controls can be set to prevent system overload, assuring employees a sense of decorum at all times in finer establishments. The front panel has a user-friendly layout in a single-space 19" rack-mount package. Features · FOUR STEREO LINE INPUTS · TWO ZONE OUTPUTS · AUTOMATIC PRIORITY INPUT · MIC & LINE PAGING WITH DUCKING · ± 12 dB 7-BAND GRAPHIC EQ FOR EACH ZONE · INSERTS FOR EACH ZONE · MAXIMUM OUTPUT CONTROLS · CPR 1 REMOTE PAGING ZONE ASSIGN SWITCH AVAILABLE · CPR 2 REMOTE SOURCE SELECTION & VOLUME CONTROL AVAILABLE · UL/CSA/TUV/CE EMC APPROVED POWER SUPPLY CP 62 COMMERCIAL PROCESSOR Features and Specifications Professional Audio Products Data Sheet Parameter Frequency Response THD+Noise .

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....Program Inserts

....Zone Outputs Equivalent Input Noise (EIN) Signal-to-Noise Ratio

....Program to Zone Out Crosstalk Input Impedances .

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....Microphone

....Inserts

....All Others Maximum Input Levels 7-Band EQ: Center Frequencies .

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....Bandwidth

....Boost/Cut Range Maximum Available Gain

....Microphone Trim Range .

.....

....Inserts Output Impedances

....Main Zones

....Inserts Maximum Output Levels .

.....

....Main Line-level

....Inserts Auto Priority Input Release Time

....Fadeback Time Pager Ducking Release Time .

.....

....Ducker Depth Power Supply Input Maximum Current Safety Agency Unit

....Classification

....Design .

.....

....U.L. Listing

.....C.S.A. Certification .

.....

....European Union Remote Power Supply .

.....120 VAC U.

L. Listed

.120 VAC C.S.A. Cert.

@@@@@The CPR 2 allows remote source and volume selection. @@@@@@@@@@@@@@@@@@It shall contain provision for two sources of page: a microphone and a phone/line level signal, and each shall be assignable to either or both zones. The microphone input shall be a balanced XLR connector and employ a preamplifier with trim. The phone/line input shall be 1/4" unbalanced. The paging function shall have adjustable level and ducking sensitivity for both sources.

The amount of ducking depth for each zone shall be adjustable from an equal mix to program source off. The program source inputs shall be line level RCA type connectors. Each program input shall have its own level control to allow level matching. Provisions for automatically switching a source upon receiving signal shall be included at a priority input. When the signal at the priority input ceases, the preamp shall automatically switch back to the previous source and the level will fade back gradually. @@@@W., Mukilteo WA 98275-5098 TEL (206)-355-6000 FAX (206)-347-7757 WEB <http://www.rane.com> Printed in the U.S.



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