

# Monitor Management System

# PRO M 1012

## Operators Guide

## Pre-Programmed Setups Connection Diagram

## *Programming: Surround 5.1*

058-E0159  
Version 060426  
SW Rev KH 2.000

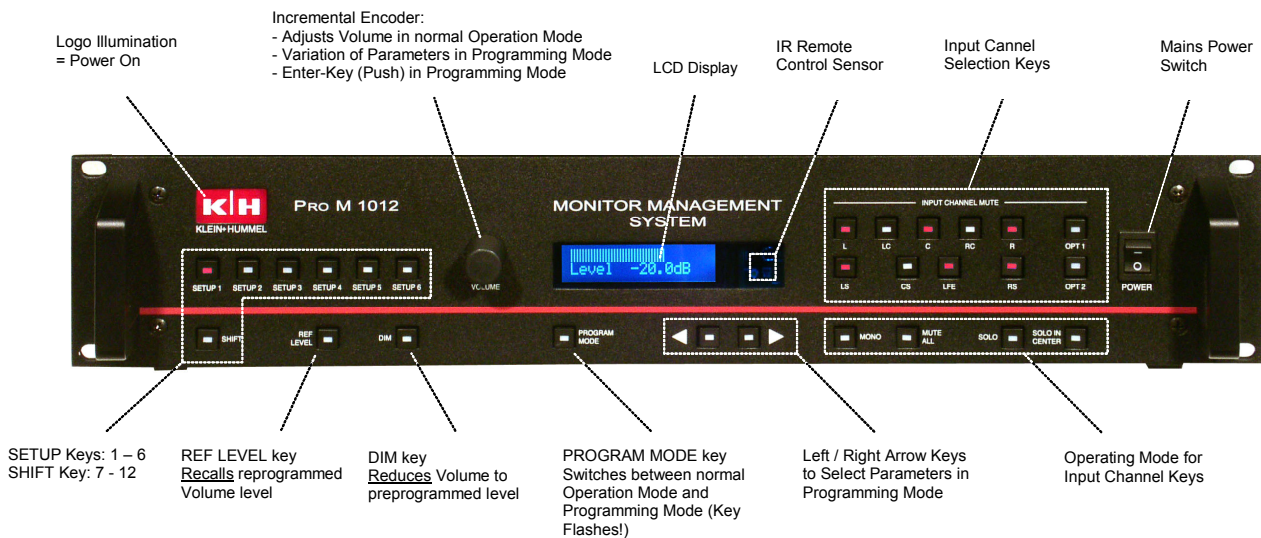


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# 1 Operation Instructions



The PRO M 1012 has 80 Basic Configurations stored in internal memory. Twelve of these may be quickly recalled as preprogrammed setups. Basic Configurations define all signal routing and gain settings plus all parameter values configured in Program Mode for the input and output channels (see Pro M 1012 Reference Manual)

- Setups 1 - 6 can be recalled by pressing the numbered SETUP keys and setups 7 - 12 by pressing the SHIFT + SETUP keys. When a SETUP is recalled, the LCD briefly shows the *SETUP No.* and name and then displays the current volume level on the bottom line.
- VOLUME Control (rotary encoder) for adjusting the volume level or for changing parameter values in Program Mode. When the volume level is adjusted, the top line of the LCD display shows a volume-level bar graph.
- REF LEVEL key recalls the reference volume level and the DIM key decreases the volume level (Default values: REF = 0 dB, DIM = -20 dB).
- INPUT CHANNEL MUTE keys mute individual or multiple input channels (channel key is illuminated when muted)
- SOLO key activates (solo-in-place) the selected input channels (SOLO key is illuminated and INPUT CHANNEL key flashes)
- SOLO IN CENTER key will solo the selected input channels and route them to the center channel output (SOLO key and SOLO IN PLACE key are illuminated and the INPUT CHANNEL key flashes)
- PROGRAM MODE key activates the Program Mode to change or store setups, select new Basic Configurations, trim gain levels, etc.

## 2 Pre-Programmed Setups 1 - 12

SETUP 1	SETUP 2	SETUP 3	SETUP 4	SETUP 5	SETUP 6
<b>9-5.1-Su/SW</b> 5.1 Surround, Bass Management (LFE+LF routed to Sub output)	<b>13-5.1-Su/LCR</b> 5.1 Surround, LFE routed to L/C/R outputs	<b>25-&gt;2/0-SuLR/SW</b> Downmix 5.1 to 2/0, reproduced by L/R+Sub outputs	<b>24-&gt;1/0-SuC/SW</b> Downmix 5.1 to 1/0, reproduced by C+Sub outputs	<b>46-ST1-SuLR/SW</b> Stereo Input 1, reproduced by L/R+Sub outputs	<b>7-ST2-SuLR/SW</b> Stereo Input 2, reproduced by L/R+Sub outputs
Shift + SETUP 1	Shift + SETUP 2	Shift + SETUP 3	Shift + SETUP 4	Shift + SETUP 5	Shift + SETUP 6
<b>16-5.1-Su/DIS</b> 5.1 Surround, LFE routed to dedicated Sub output	<b>79--- MUTE --</b> (free)	<b>29-&gt;2/0-LR2</b> Downmix 5.1 to 2/0, reproduced by L/R(2) outputs	<b>28-&gt;1/0-LR2</b> Downmix 5.1 to 1/0, reproduced by L/R(2) outputs	<b>42-ST1-LR2</b> Stereo Input 1, reproduced by L/R(2) outputs	<b>3-ST2-LR2</b> Stereo Input 2, reproduced by L/R(2) outputs

## 3 Basic Configurations

- A Basic Configuration defines all signal routing and gain settings plus all parameter values for the input and output channels
- The PRO M 1012 has 80 Basic Configurations stored in internal memory. Twelve of these may be quickly recalled as preprogrammed Setups by pressing the numbered SETUP keys (or SHIFT + SETUP). The factory preprogrammed setups are shown in the table above.
- The 80 Basic Configurations plus all additional settings saved in Program Mode define the PRO M 1012's Project File (\*.prj)
- Project Files can be changed or created with the PRO M 1012 Configuration Manager Software using a PC (running Windows® version 98 or later), after first transferring the file to the PC (see Configuration Manager Manual)

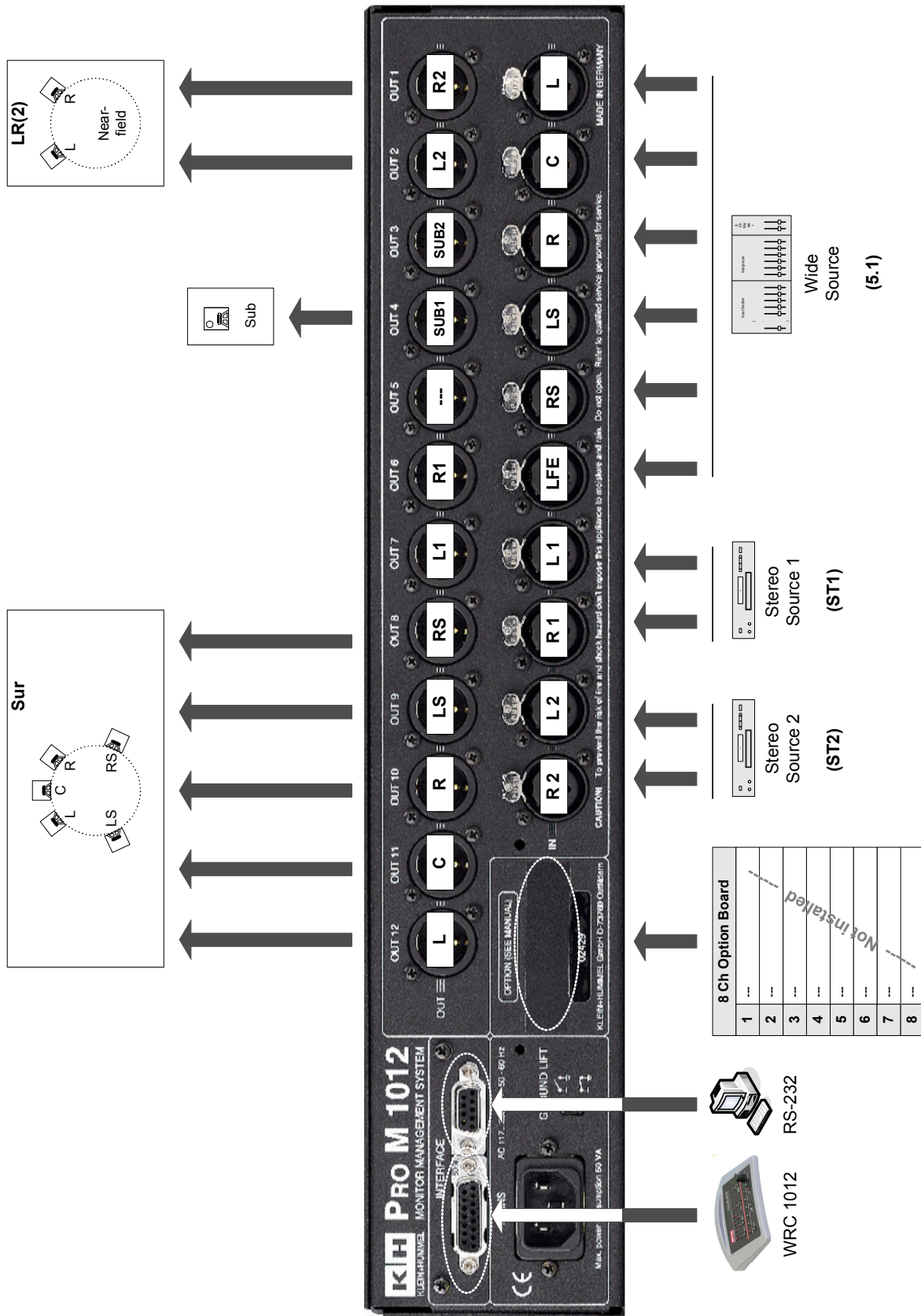
### 3.1 Recalling Basic Configurations and Storing them as Setups:

- Press "PROGRAM MODE" key (will start flashing to indicate initiation of Program Mode)
- Go to „BASIC CONFIGURATION“ menu by turning the incremental encoder, then press the incremental encoder to verify
- Name and number of Basic Configuration will be shown in the second line of LCD display. (Format: [BasicConfigNo]-[BasicConfigName])
- Turn the incremental encoder to select desired Basic Configuration, then press to activate it

- To store this temporary Basic Configuration as a base of one of setups 1...12, turn incremental encoder one step back to “STORE SETUP” menu and verify by pressing it
- Select desired setup (1...12) by turning the incremental encoder, then press to store it
- Press “PROGRAM MODE” key (will stop flashing, system works in normal operation mode again)

# 4 Rear Panel Connection Diagram

Project-File: Pro M 1012 Surround 5.1 GUI2.004\_111005 .prj



## Appendix

### A1 Transferring New Project Files from a PC to the PRO M 1012

**Important note!** The Pro M 1012's Project File contains the 80 Basic Configurations plus all user-defined parameter settings. If the existing parameter settings need to be saved for future use, then transfer the existing Project File to the Configuration Manager (see A2) before transferring a new project file to the PRO M 1012!

- Connect the 9-Pin D-SUB RS-232 connector on the rear panel of the PRO M 1012 to the PC
- Double-click the *ProM1012ConfigMan.exe* file to start installation of the PRO M 1012 *Configuration Manager* and follow the instructions given during the installation process. (File is included on the CD-ROM that is supplied with the Pro M 1012 or may be downloaded from [www.klein-hummel.com](http://www.klein-hummel.com))
- After successful installation, start *Configuration Manager* and apply power to the PRO M 1012
- In *File => Open Project*, open the new Project File
- In *Transmit/Receive => Connection*, set the correct COM Port (typically COM2, however, when using USB-to-RS-232 adapter cables the correct Port can be checked in the *Hardware* menu of the *Windows® Control Panel*)
- In *Transmit/Receive => Transmit to Pro M 1012*, select *Transmit whole Project*
- Check *OK* to start the transfer process. Progress will be indicated by the blue bar
- The message "*Project has been transmitted successfully!*" will appear, when the transfer is complete

### A2 Transferring the System's Project File to a PC

- Start *Configuration Manager* and apply power to the PRO M 1012
- In *Transmit/Receive*, select *Receive from Pro M 1012 => Receive whole Project*
- Check *OK* to start the transfer process. Progress will be indicated by the blue bar
- The message "*Project has been transmitted successfully!*" will appear, when the transfer is complete
- The Project File can now be opened in *Configuration Manager* and can be edited and stored via *File => Save Project as...*