

Operating Instructions

MR60 Keypad with MVP44 and MVP64 Controller-Amplifier



Congratulations and thank you for choosing this Knöll product. The MVP44 and the MVP64 amplifier with its MR60 keypads are the power behind an advanced music control system, that's easy to use with top quality sound available in 4 to 18 rooms. The MVP44 has four output zones and the MVP64 has six output zones. Otherwise the two models are identical.

Your music system consists of:

1. Rooms with stereo speakers, a MR60 keypad or infrared receiver and a remote control.
2. One or more MVP44(s) and/or MVP64(s).
3. Stereo source components such as tuners, CD players, satellite dish receivers, cassette decks, and other components.

While the MVP44 and the MVP64 evolved after years of research, its use is straightforward and direct. Some rooms may have more than one pair of speakers but only one keypad or possibly even no keypad.

The music system is controlled by the MR60 keypads RB8 or universal remote, the source components and possibly a whole home controller. The source components are controlled by their individual remote controls by aiming the remote control at the keypad or infrared receiver and pressing the appropriate remote control button.

The MVP44 or MVP64 amplifier is usually only switched off using it's front panel power switch when it is anticipated that it will not be used for more than one week. Otherwise the system power on/off is controlled by the room keypads and remote controls.

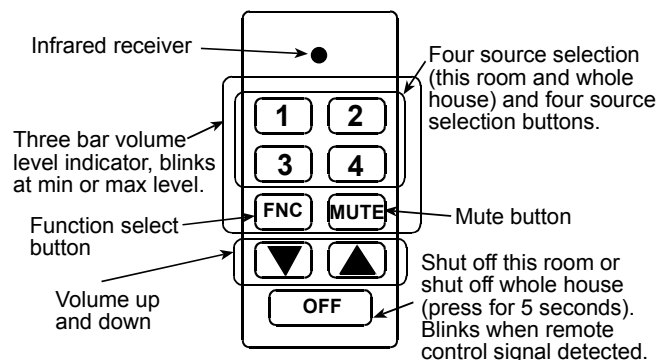
Individual rooms can be controlled by a MR60 and/or an RB8 remote control or a universal remote control with the RB8 commands installed. The MR60 keypad controls the room it is located in or

the whole house (all rooms). The RB8 remote can turn off the whole house but can only turn on and adjust the room it is in.

MR60 keypads are backlit for easy night use and only consume 0.10 watts of energy. After sound volume adjustments the keypad may show the volume level set briefly when adjustments have stopped. The three top rows of MR60 buttons show the level set. The source 1-2 (top) row shows the highest setting. The FNC-MUTE row shows the lowest setting. When the button rows blink they are at their minimum or maximum settings.

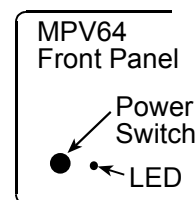
The FNC button is used to adjust all room volume up and down as well as control the four source components (if a 590 controller was installed). To access functions 1 - 4 while the system is on and playing, press FNC (and release) then the 1, 2, 3 or 4 button where the function was installed. Functions commands can be CD play, tuner channel up or down, tape deck play or almost anything. Functions on and off commands are automatically sent when the system is turned on and off.

MR60 Keypad Layout



MVP44 and MVP64 Amplifier-Controller Power Switch Location

The LED is orange color when idling and green when the system is powered up.



Turn Room or Whole House On

1. Make sure MVP44 or MVP64 amplifier front panel power button is on (in) and the led color is orange.

Note: The RB8 remote power button is not used to turn the system on.

2. Momentarily push the desired MR60 keypad source button (top row or second row) or RB8 remote input button 1-4. The RB8 remote input buttons correspond to the MR60 source button layout. The keypad led turns on and the volume is set at about 30%.
3. To turn on the whole house on one source, press and hold the desired MR60 keypad source button for 5 seconds. The source selected is playing in all rooms at about 30% volume levels. At any time when the system is on, this will override the whole house source settings and reset the all room volumes to 30%.
4. If the sources don't turn on automatically, turn them on manually or with their remote control.
5. Adjust the volume on the RB8 remote or MR60 keypad in this room only. After adjusting volume, the keypad may display the volume level on the top three pairs of MR60 keypad buttons.

Turn Room or Whole House Off

1. Momentarily press the MR60 keypad "OFF" button or RB8 remote "POWER" button. If this was the only room turned on, then the whole system will shut off and the MR60 "OFF" led will be off. If any other room was turned on, only this room will shut off.
2. To shut down the whole system at any time or when the keypad "OFF" led is on, press any hold the MR60 "OFF" button or RB8 remote button for 3-5 seconds. When all the keypad LED's are out, the system is shut down.
3. Sources may have to be turned off manually or by remote.

Change Sources

Press another source button on the MR60 keypad (top four buttons) or RB8 remote control input button. The RB8 remote input buttons correspond to the source layout of the MR60 keypads. To start or change the whole house to one source, press and hold that source button on the MR60 keypad for 5 seconds. The volume is set to about 30%. Whole house source selection is not available on the RB8 remote.

Volume Up and Down

Press the volume up or down button on the MR60 or RB8 remote. Holding the button gives continuous changes. After pressing the button the MR60 may display its volume level on the top three rows of the MR60 keypad buttons. The FNC-MUTE row is the lowest setting and the top setting is the source 1-2 buttons. Blinking button LED bars indicate the minimum or maximum volume setting.

Mute

Momentarily press the mute button on the MR60 keypad or RB8 remote. The source led blinks. To restore the sound press the mute, volume up or down, or any source or input button and the source selected when the mute button was first pressed is restored.

Function Commands

The FNC button is used to change the whole house volume (only for rooms already turned on) or select one of four possible function source selections. The FNC source selections are a dealer-installed option.

Note: Be very careful when turning up the whole house volume. The volume levels increase together, but rooms with their volume already set high may damage equipment when their volume is increased.

- ◆ To change the whole house volume, first press the FNC button and release. Then quickly press and hold the volume up or down button. The whole house volume changes more gradually than when changing individual room volumes.
- ◆ To select an external function, first press the FNC button and release. Then quickly press and release the desired function button (1 of the 4 MR60 keypad top buttons).

RB8 Remote Control Functions

