

QUICK START GUIDE

RK-350 - Ref. RK-350



Thank you for choosing **Analog Way** and the **RK-350**. By following these simple steps, you should be able to setup and use your powerful remote Control Keypad within minutes. Discover the **RK-350** extensive capabilities and intuitive interface while configuring your first show, and unleash your creativity for a new experience in show and event management by **Analog Way**.

WHAT'S IN THE BOX

- 1 x **RK-350 (RK-350)**
- 1 x Power supply cord
- 1 x DB9 (M/F) cable
- 1 x Carrying case
- 1 x Quick Start guide*

* The Quick Start guide is also available on www.analogway.com



Go on our website to register your product(s) and be notified about new firmware versions: <http://bit.ly/AW-Register>

RK-350 SETTINGS

- The **RK-350** automatically detects the right versions of the product to control. Connect the DB9 cable supplied or an Ethernet crossover cable using the same protocol as the connected unit.
- To control the following Seamless Switchers:

| Control Mode | Seamless Mixer | Seamless Matrix | Quadravision |
|--------------|----------------|-----------------|--------------|
| EKS550 | x | x | x |
| QMX150 | | x | |
| SMX250 | | x | |
| QVU150 | x | | |
| PLS350 | x | x | |
| SPX450 | x | x | |

Navigation Menu:

To access the **RK-350** menu, press the **EXIT/MENU** button in the control section. To highlight items in the menu which will appear on the VFD screen, turn the scroll knob left or right to the desired menu item. When you have reached the desired menu item, press the **ENTER** button in the control section to access that menu function. Pressing the **ENTER** button when a selection has been made sets the value to that selection in the **RK-350** memory. When all settings have been made, press the **EXIT/MENU** button to exit sub-menus and return to the main menu.

IMPORTANT: simply selecting a menu item will not set it to that value. Be sure to press the **ENTER** button when parametering the menu items.

Once you have connected your **RK-350** to your switcher, configure the connection settings on both devices.






For a serial connection, select RS232 from the RS232/LAN menu on both devices. (In **CONTROL** menu)

For a LAN connection, select LAN from the RS232/LAN menu on both devices (In **CONTROL** menu), and configure each device with a unique IP in the **LAN setup > RK-350** address menu. The default IP on the **RK-350** is **192.168.2.141**.

Next, enter the IP of the device you wish to control in the **Lan Setup > Device address menu**.

Once your settings are correct, the **RK-350** will begin to synchronize with the device, and you will be ready to begin. (Wait a minute).

Button color usage:

- Solid red:**  #1 = Source is on the Program output
#2 = Freeze enable
#3 = Stand-by button
#4 = Mute enable
- Solid green:**  #1 = Source is on Preview
#2 = Function available for modification
- Solid orange:**  Unlocked sources / Shifted keys
- Blinking red:**  Layer/source selected or is currently active on the Program output
- Blinking green:**  Layer/source selected or is not currently active on the Program output



RK-350 - REF. RK-350 / FRONT PANEL DESCRIPTION

Buttons and functions are available according to the unit which is controlled.



Position: easy adjustments (size or position) with this mini joystick.
Adjust the selected layer or Logo, X-Axis (Left/Right), Y-Axis (Up/Down) and click to change the mode (position or size)

Volume:
Mute: toggles the audio mute on Program. Button illuminates in red when volume is muted
Volume: volume adjustment on Program (adjust with the knob).

Control:
Exit/Menu: switch between Status & Control mode. Exit from menu.
Enter: validate the menu or command

T-Bar: mini T-Bar to control effect level

Menu scroll knob

Shortcut:
Shift: secondary function selection button
Swap: exchange sources between layer A and layer B
Mosaic Preview: Toggle standard or Mosaic mode when available
Split Screen: load a split screen preset

Layer:
Frame: select the Frame layer
Layer A/B/C: select the layer A to C
Logo 1/2: select the logo 1. to 2
Quick Frame: allows to quickly display a foreground frame

Exit/Menu
Enter
W1
W2
W3
W4
QUADRAVISION
Cut
Fade
User 1/3
User 2/4
P1/P5
P2/P6
P3/P7
P4/P8
EFFECT
PRESET

Mosaic Preview
Shift
Swap
SHORTCUT
Output #1
Output #2
MATRIX

Frame
Layer A
Layer B
Layer C
Logo 1
Logo 2
Quick Frame
Freeze
Black
LAYER
1
2
3
4
LF1
LF2
LF3
LF4
SDI 1
SDI 2
SDI 3
SDI 4
HDMI 1
HDMI 2
LF5
LF6
LF7
LF8
A/LF8
INPUT SELECTION

ADJUSTMENT
Mute
Volume
1:1
Centering
Zoom
Full
Size
Pos.
Crop
Ratio
TAKE
Step
Back

Input selection:
#1/L.F 1: access source #1, Frame #1 or Logo #1
#2/L.F 2: access source #2, Frame #2 or Logo #2
#3/L.F 3: access source #3, Frame #3 or Logo #3
#4/L.F 4: access source #4, Frame #4 or Logo #4
SDI 1/L.F 5: access SDI #1, Frame #5 or Logo #5
SDI 2/L.F 6: access SDI #2, Frame #6 or Logo #6
SDI 3/L.F 7: access SDI #3, Frame #7 or Logo #7
SDI 4/L.F 8: access SDI #4, Frame #8, Logo #8 or animated logo
HDMI 1/2: access HDMI 1 or HDMI 2
Freeze: freeze the input linked to the current layer on Program
Black: clear the layer

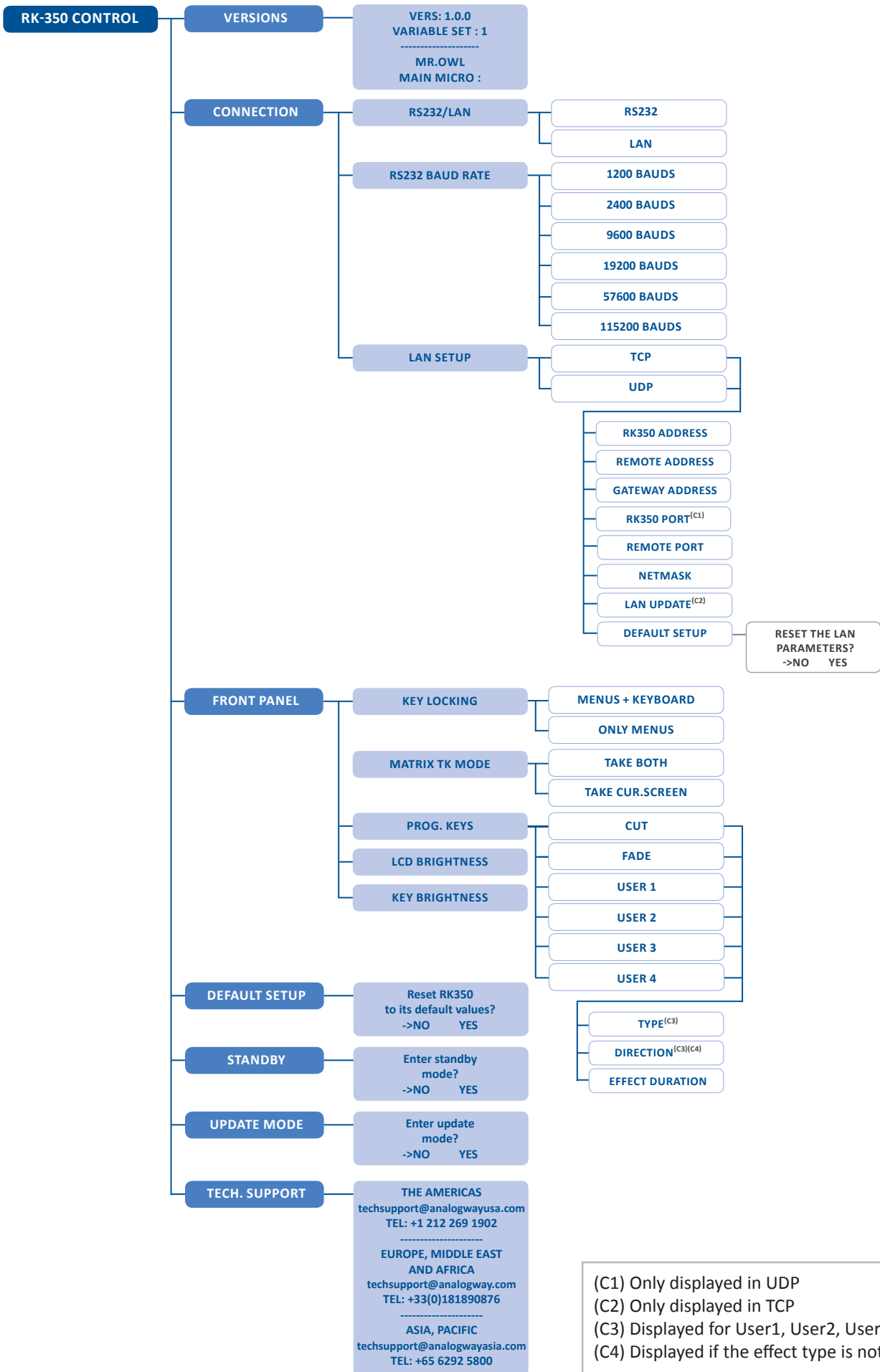
Matrix (only for Seamless Matrices):
Output #1: select Output #1, select a layer and a source then press TAKE
Output #2: select Output #2, select a layer and a source then press TAKE
Quadravision:
Available when controlling a device which offers Quadravision
W1/W2/W3/W4: change the active layer into the Window #1 to #4

Preset:
P1/P2/P3/P4/P5*/P6*/P7*/P8*: Select P1 to P8 as a customized preset
Effect:
Cut: select Cut as the current transition type.
Fade: select Fade as the current transition type.
User 1/User 2/User 3*/User 4*: select the customized transition configured in the Control menu.

Adjustment:
1:1: No scaling, layer size has no effect
Centering*: centered (aspect ratio preserved, black bars around source)
Zoom: configures the layer Zoom
Full*: fullscreen (aspect ratio may be distorted)
Size: resize the active layer with the mini joystick (shortcut to size menu)
Crop*: cropped (aspect ratio preserved, extra image cropped)
Pos.: adjust layer or logo position with the mini joystick (shortcut to pos. menu)
Ratio*: set the layer height to the selected aspect ratio

*accessible via the Shift key

MENU TREE



(C1) Only displayed in UDP
 (C2) Only displayed in TCP
 (C3) Displayed for User1, User2, User3 and User4
 (C4) Displayed if the effect type is not Cut nor Fade

RK-350 - REF. RK-350 / REAR PANEL DESCRIPTION



Allow to secure with a Kensington™ Lock

RJ-45 Connector: connect the RK-350 to a 10/100 BT Ethernet LAN using this female RJ-45 connector: used to control the switcher and also to upgrade the RK-350. Please see the updater software instructions for more information. (Crossover cable for a direct link between RK-350 unit and Midra™ device, or a straight through cable with a hub)

DC Power connector:
Plug a Jack coaxial 5.5 - 2.1 - 9mm - external GND. 9/12 Vdc - 1A.

RS-232 PORT: this 9-pin Female D connector provides RS-232 port serial communication with the switcher and also to upgrade the RK-350. A DB9 F/F crossover cable (not supplied) is required for an RS232 update. This port can also provide power to operate the RK-350 when connected to a switcher

NOTE: The latest firmware upgrade is always available on www.analogway.com

WARRANTY AND SERVICE

All **Analog Way** products have a 3 year warranty on parts and labor, back to factory, but does not include faults resulting from user negligence, special modifications, electrical surges, abuse (drop/crush), and/or other unusual damage.

Please note: The included carrying case and protective foam is not covered under warranty.

GOING FURTHER WITH THE RK-350

The **RK-350** allows for remote control of all available Midra™ device features. Please check your device manual for more information on device operation and usage. Please check our website for further information: www.analogway.com