

rf ruwido remote control and rf2ir dongle user guide

DRAFT

Revision Status

Version	Creation Date	Author	Remarks
V0.1	8 June 2013	Ralph Leblhuber	Initial version

user operating instructions for rf remote control and rf2ir dongle

Pairing of rf2ir dongle and remote control



(1) rf2ir dongle

Press **“play/pause”** and **“ok”** keys simultaneously for 5 seconds – green LED will flash.

Plug in the rf2ir dongle to an available USB port of your Set Top Box within 30 seconds.

Once paired the green LED will flash twice quickly and then stop. The remote control and the dongle are paired.

The correct function can be verified by pressing any key – green STB LED will flash once.

In case pairing failed no LED will flash when pressing a key. In this case the above procedure should be repeated.



(2) rf remote control

Programming your TV

Before you start to program your remote control, make sure your TV is switched on.

Preparation:

To speed up your programming process, the most used TV brands have short numbers that will be used in the programming process.

Vizio - 10	Sony - 17
Funai/Emerson - 11	Samsung – 18
Sanyo - 12	Philips – 19
Panasonic - 13	RCA – 20
Sharp – 14	Insignia - 21
LG – 15	
Toshiba - 16	Others - 29

Step 1:

Controlling the TV with the STB remote control is only possible when the remote control is in the TV mode.

To access TV mode, press the MODE key, until the red TV light flashes.

Step 2:

Press and hold the MODE button for 3 seconds, until the red TV light on the remote control flashes twice.

Enter the 2-digit code for the brand of your TV (found above) – the red TV light will flash twice.

Now, press and hold the POWER Button until your TV switches off.


As soon as your TV switches off, remove your finger from the POWER Button and press OK to confirm – the red TV light will flash twice.


Now press the POWER button again to switch your TV back on.


Finally, press the mode button until the green light is illuminated. Now you can turn your TV and your digital box on and off simultaneously by pressing the POWER button.



Power Control STB, TV and AUX

If the  key is pressed when the remote is in STB mode, both, the TV and STB will be switched on/off.

If the  key is pressed when the remote is in TV mode, the TV will be switched on/off.

If the  key is pressed when the remote is in AUX mode, the AUX device will be switched on/off.

Notes:

- programming of AUX works same way as for TV
- programming is only possible in TV and AUX mode
- for programming TV mode you need to be in TV mode (red LED),
- for programming AUX mode you need to be in AUX mode (yellow LED)
- in case of low battery (<2V) all three LEDs flashes for 1.5s after sending a command

BRAND LIST

Note code search for "Others" may take up to 20 minutes

TV BRANDS

Vizio - 10	Sony - 17
Funai / Emerson- 11	Samsung – 18
Sanyo - 12	Philips – 19
Panasonic - 13	RCA – 20
Sharp – 14	Insignia - 21
LG – 15	
Toshiba - 16	Others - 29

XBOX BRANDS

XBOX - 99

DVD/BLUERAY BRANDS

Vizio - 30	JVC – 38
Funai – 31	Toshiba – 39
Sanyo - 32	Pioneer – 40
Hitachi - 33	Panasonic - 41
Onkyo – 34	Sony - 42
Sharp – 35	Samsung – 43
Kenwood – 36	
LG – 37	Others - 44

AMPLIFIER BRANDS

Sony 60	Pioneer – 68
Yamaha – 61	Philips – 69
Harman/ Kardon – 62	Aiwa – 70
Denon – 63	Hitachi – 71
Samsung – 64	Sharp – 72
LG – 65	Sanyo - 73
Onkyo – 66	Panasonic - 74
Bose - 67	Others - 79

DECLARATION

User Information FCC 15.2:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Part 15 Statement. FCC 15.19/RSS Gen Issue 3 Sect. 7.1.3

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Statement Class B Digital Device FCC 15.105:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.