



Quick Manual

v1.0

IR-Receiver

LRI-107-038

DESCRIPTION

The LRI-107-038 is an IR receiver which (used in conjunction with LTI-038) receives the commands of an IR remote control from any receiver and transfers them from one point to another via RF on a network consisting of coaxial cables.

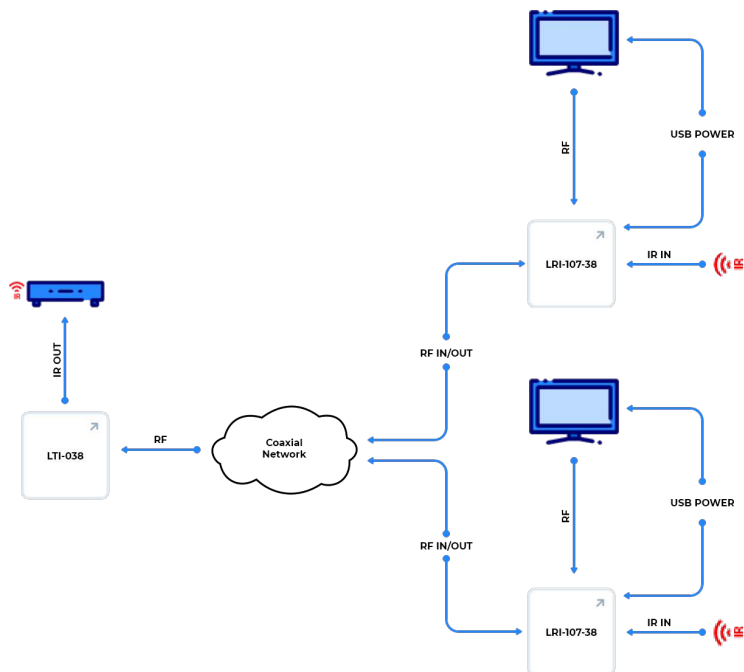
More specifically, the LRI-107-038 receives, at its input, the IR signal of a DTV or IPTV receiver and then modulates it to RF signal for distribution within a coaxial network.

The small size and the metal housing of the LRI-107-038 provide high electromagnetic protection as well as high heat induction and robustness.

GENERAL CHARACTERISTICS

- High quality and performance
- Very clean RF spectrum without harmonics
- High RF output (113 dB μ V)
- High IR signal reception sensitivity
- Support for F and IEC connectors
- Micro USB power connector
- Very small size
- External power supply

SCHEME DIAGRAM



To install LRI-107-038 follow these steps:

1st step

At the RF IN input we connect the coaxial cable of the installation.

2nd step

At the RF out output we connect the RF input of the TV.

3rd step

Connect the IR cable to the appropriate socket on the LRI-107-038.

We place the IR receiver in a suitable place to receive the IR signal from the remote control.

4th step

Connect the power supply of the LRI-107-038 either by using the USB cable or by using the external power supply.

TECHNICAL SPECIFICATIONS

General

Power supply :	+5VDC
Connector:	USB female micro
Power consumption:	0.15A max.
Operating temperature:	0 °C to 50 °C
Storage temperature:	-10 °C to +70 °C
Humidity:	Up to 90%
Dimensions:	206 x 179 x 30mm
Weight:	60gr

IR output

IR working frequency:	38 KHz
IR distance:	Up to 10m.
IR connector:	3.5mm stereo mini-jack

RF input

Working frequency:	10.7MHz
Modulation type:	ASK

Output level:	113dBμV
Loop-through frequency:	5...862MHz
Loop-through attenuation:	<1dB
RF connector:	F-female