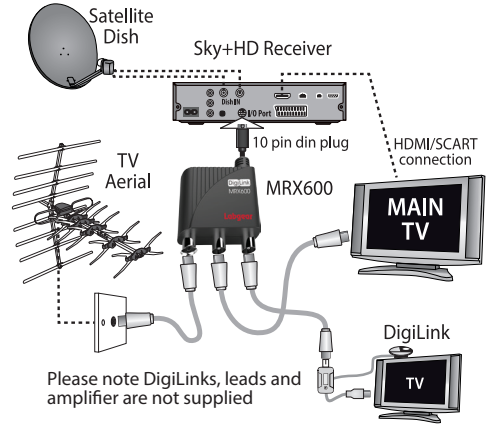## Introduction

The MRX600 provides an RF output for the latest Sky HD set top boxes with no RF output of their own.
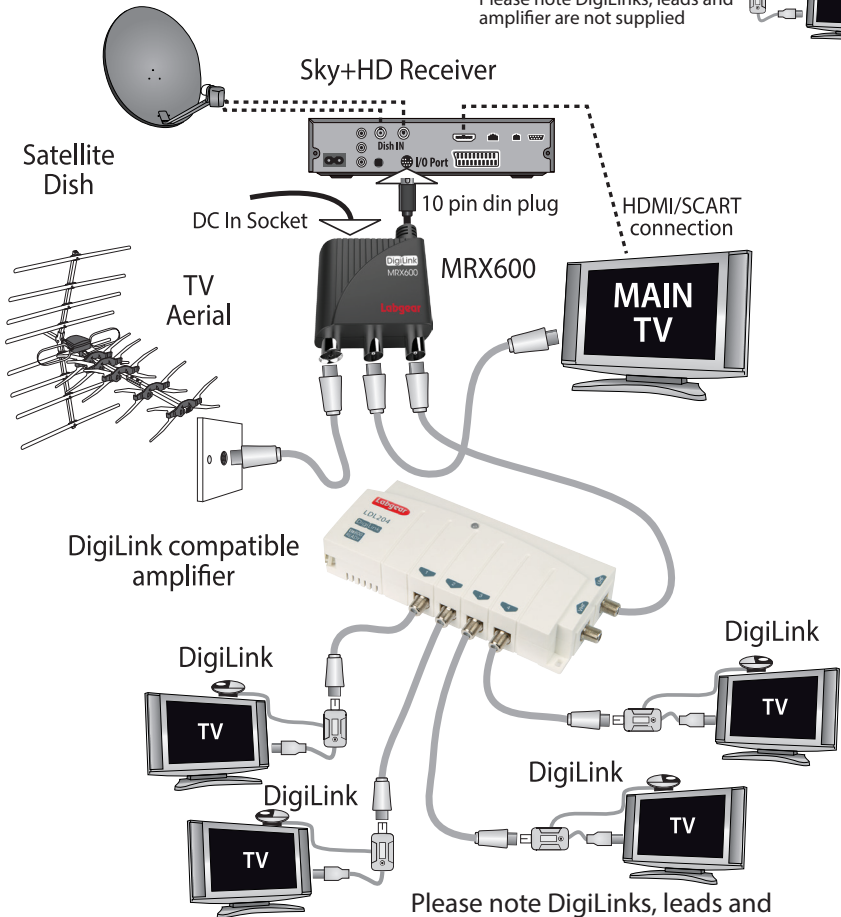
• Converts the Sky™ I/O port to an RF output
• Can be connected to a TV distribution system to allow viewing and IR remote control from multiple locations
• Aerial loop through for Freeview signal distribution
• Fully compatible with new and existing TV distribution systems
• Allows the use of existing RF Link devices used to distribute Sky™ signals and control remotely Sky™ receivers.

Connections for a single remote TV

Satellite Dish
Sky+HD Receiver
10 pin din plug
HDMI/SCART connection
TV Aerial
MRX600
MAIN TV
DigiLink
TV

Please note DigiLinks, leads and amplifier are not supplied

Connections for a TV distribution system

Sky+HD Receiver
Satellite Dish
DC In Socket
10 pin din plug
HDMI/SCART connection
TV Aerial
MRX600
MAIN TV
DigiLink compatible amplifier
DigiLink
DigiLink
TV
DigiLink
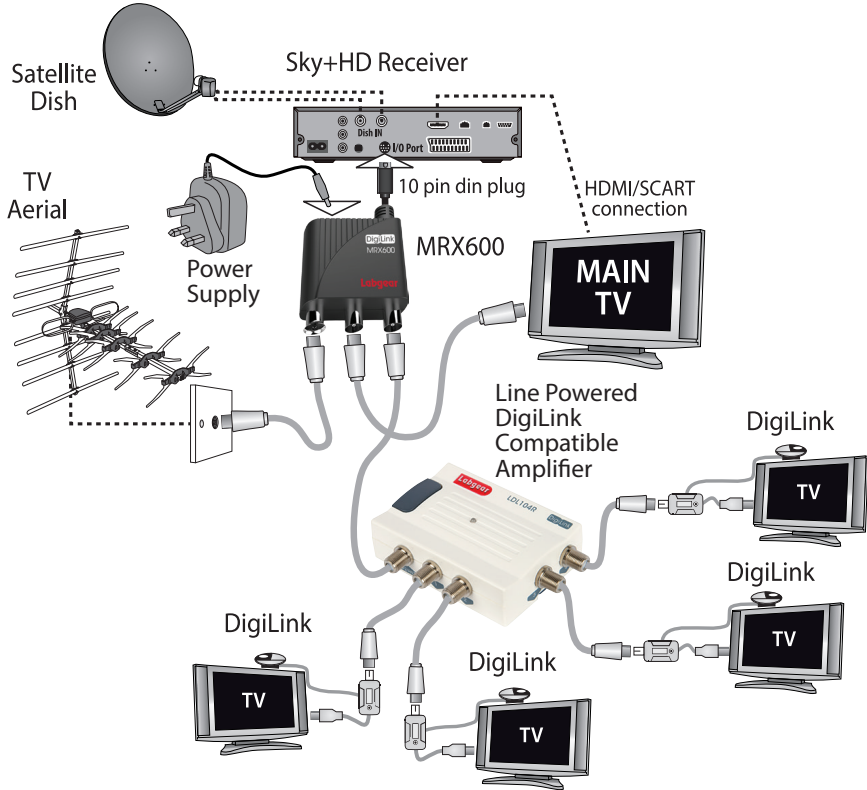TV
DigiLink
TV
TV

Please note DigiLinks, leads and amplifier are not supplied

Connections for a TV distribution system with line powered amplifier

The connections shown below allow remote viewing and control of a Sky™ HD receiver from multiple locations using a DigiLink compatible line powered amplifier. To power the amplifier you will need to plug a power supply (not supplied) into the MRX600 DC IN socket* (Minimum Rating 9VDC/50mA).

Satellite Dish

Sky+HD Receiver

TV Aerial

Power Supply

10 pin din plug

Dish IN   I/O Port

HDMI/SCART connection

MRX600

MAIN TV

Line Powered DigiLink Compatible Amplifier

DigiLink

DigiLink

TV

TV

DigiLink

DigiLink

TV

TV

Please note DigiLink, power supply, leads and amplifier are not supplied

NB: a DigiLink compatible distribution amplifier required for multiple room systems.
An RF Link device is required at each TV location (not supplied). Additional remote controls may be required.

General Safety Notes
To avoid risk of electric shock during installation we recommend that all associated satellite and TV receivers etc. are isolated from the mains until the installation is complete. Fixed wiring for electrical supply to these products should be carried out in accordance with BS7671 (IEE Wiring Regulations).

	MRX600
RF modulator output channels	21CH - 69CH
RF forward frequency range	47-862MHz
Return path frequency range	5 to 12 MHz (RF OUT to I/O port)
RF IN connector x 1	IEC female
RF OUT connector x 2	IEC male
I/O connector	10 pin mini DIN plug on 250mm flylead
DC output (RF OUT)	Regulated 9VDC 100mA (short circuit protected)
Power consumption	0.6W in 5VDC (not included 9VDC/100mA max output*)
Power rating	5VDC
Dimensions (L x W x H)	60mm x 55mm x 25mm
Weight	35g