

2 Way Aerial Signal Booster

Ideal for boosting UHF TV signals to 2 TVs in a weak signal area or for long cable runs

The booster carries analogue/digital TV and radio, FM/DAB, Freeview, DVB-T and DVB-T2 HD TV signals and has:

- Can carry both TV and radio signals using a combiner and diplexer
- A built-in Class 3 4G filter providing 45dB interference protection
- More efficient Switch-Mode Power Supply which runs cooler
- Improved gain flatness delivering a better balance across the performance range
- Lower noise figure for optimised signal quality
- Greater signal handling capacity to cope with more channels
- Better impedance matching and therefore improved signal transfer from amp to cable
- Compliant with the Radio Equipment Directive 2014/53/EU* and meets harmonised standard EN 303 354 for product Type D, Class 3

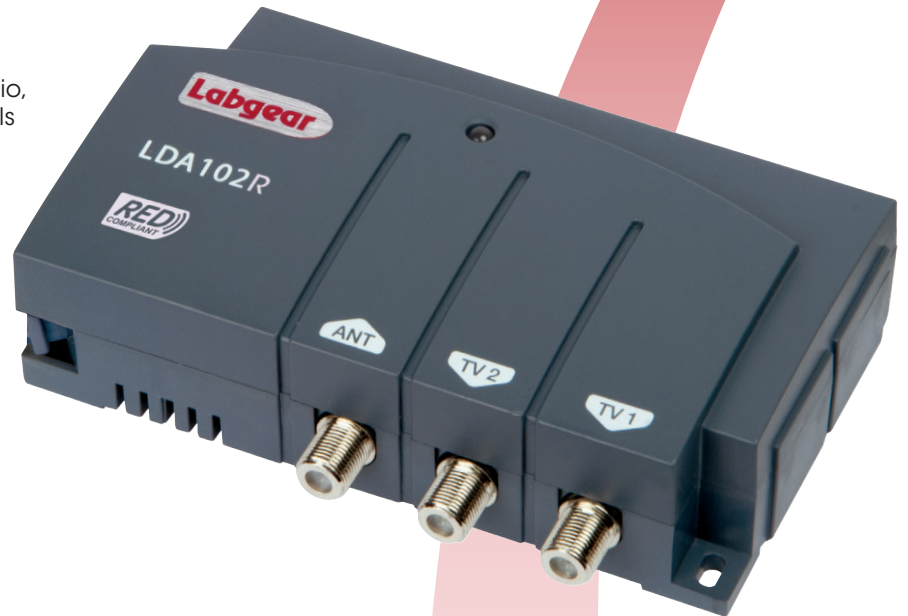


Fig. 3 Boosting combined TV and Radio signals

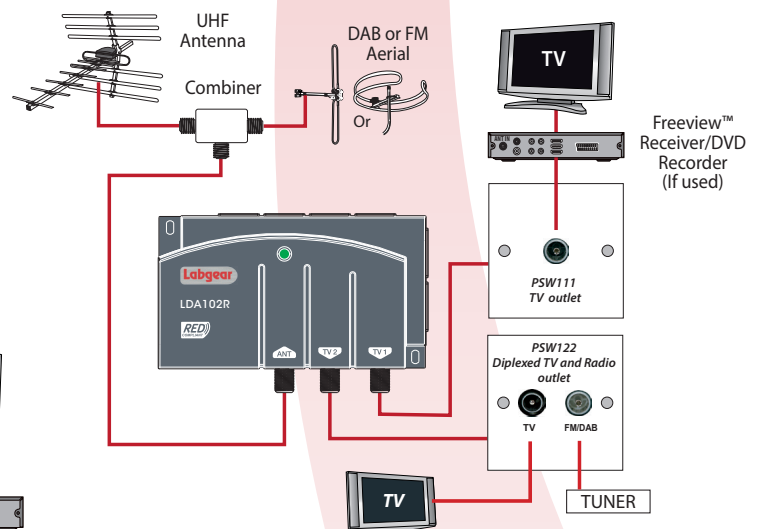
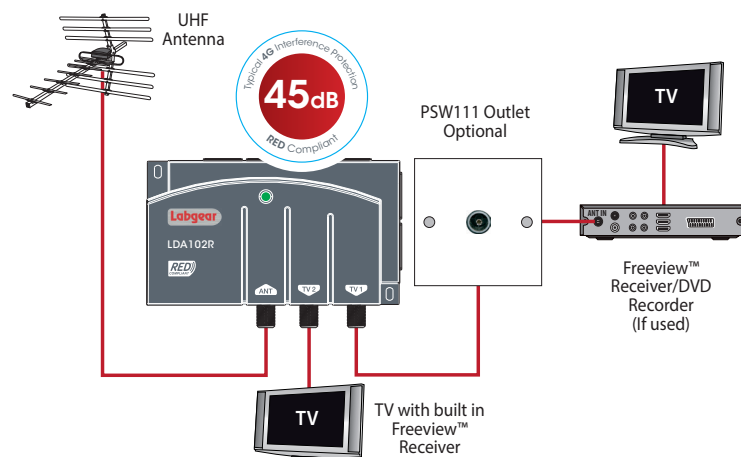


Fig. 1 Boosting the aerial signal to two TVs/set top boxes



*Declaration of Conformity

Hereby, Labgear declares that the radio equipment: Amplifier for TV broadcast reception in domestic premises is in compliance with the Radio Equipment Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.labgear.co.uk/DoC

Specifications	LDA101R
No of Inputs/Outputs	1 / 2
Frequency Range	VHF and UHF: 87-782MHz
Gain per port	15dB
Gain flatness	+/-1dB
Noise Figure	Typical <3.0dB
4G protection Class 3	Typical -45dB
Isolation between outlets	12dB
Max. output level (IMA3 -60dB)	93dBµV
Return loss Input/Output	10dB/14dB
RED, EMC and LVD	Compliant
Power requirement	220V~50hz <3W
Dimensions	130 x 85 x 35mm