

USER GUIDE

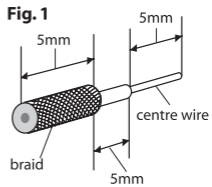
All our screened outlets, faceplates and modules, are fully screened to minimise interference to digital signals.

Outlets with 2 or 3 sockets are designed to separate incoming combined aerial/satellite signals into the component UHF, VHF, FM, DAB or Satellite signals. Each outlet has only one input and signals from aerials/satellite LNBS must already be combined into one download using a combiner. Outlets with 4 or more sockets will have separate inputs for Sat 2, return and phone line

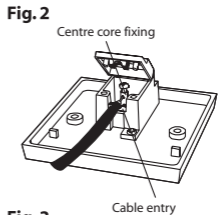
Please Note: All models require a 35mm deep mounting box

Installation

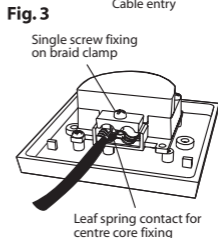
1. Prepare cable as shown in Fig. 1.



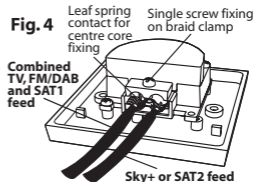
2a. For single module outlets unscrew the 2 screws on the terminal cover and lift lid. Feed prepared cable over the braid clamp and thread the centre wire through the hole in the central terminal, tighten the screw on the central terminal. Trim any stray braid that might come into contact with the centre wire or central terminal. Close terminal lid and tighten screws. (see Fig. 2)



2b. For diplexed and triplexed outlets unscrew the single screw on the braid clamp until there is enough space to insert prepared cable. Feed the cable through the left hand side of the braid clamp (below the IN arrow). Make sure the centre wire passes through the hole in the central terminal. Tighten the screw on the braid clamp. (see Fig. 3)



2c. For quad outlets, wire as shown in Fig. 4. Connect the Sky+ or Sat 2 feed to the second (right hand) braid clamp. For outlets with an Uplink/Return - wire Uplink/Return as shown in Fig. 2.

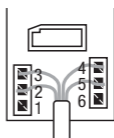


3. For outlets with a telephone socket - carefully strip about 25mm of sheath from the cable. Use an IDC connecting Tool to press the wires into the connection slots, there is no need to remove insulation (See Fig. 5). Trim excess wires.



Fig. 5

Colour Codes
 3. Orange with white ring
 2. Blue with white ring



Colour Codes
 4. White with orange ring
 5. White with blue ring

Technical Data

For flush screened outlets and modular outlets

Product	Band	Freq. Range	Insertion loss	Connector
PSW111		DC-862MHz	~0.5dB	IEC(f)
PSW111M		DC-862MHz	~0.5dB	IEC(f)
PSW113		DC-2400MHz	~1.2dB	F
PSW113M		DC-2400MHz	~1.2dB	F
PSW122	TV (return)	DC-68MHz	~1.2dB	IEC(m)
	TV(forward)	350-862MHz	~0.6dB	IEC(m)
	Radio	88-230MHz	~1.0dB	IEC(f)
PSW122M	TV (return)	DC-10MHz	~2.0dB	IEC(m)
	TV(forward)	470-862MHz	~2.0dB	IEC(m)
	Radio	87.5-230MHz	~2.0dB	IEC(f)
PSW123 & PSW123M	TV	5-860MHz - NPP*	~1.2dB	IEC(m)
	Satellite IF	950-2400MHz	~2.5dB	F
PSW132	TV (return)	5-68MHz - NPP*	~1.2dB	IEC(m)
	TV(forward)	350-862MHz	~2.0dB	IEC(m)
	Radio	88-230MHz	~2.0dB	IEC(f)
	Satellite IF	950-2150MHz	~2.5dB	F
PSW132M	TV (return)	3-10MHz - NPP*	~2.0dB	IEC(m)
	TV(forward)	350-862MHz	~2.5dB	IEC(m)
	Radio	88-230MHz	~2.0dB	IEC(f)
	Satellite IF	950-2150MHz	~2.5dB	F
PSW242T	TV (return)	5-68MHz - NPP*	~1.2dB	IEC(m)
	TV(forward)	350-862MHz	~2.0dB	IEC(m)
	Radio	88-230MHz	~2.0dB	IEC(f)
	Satellite IF	950-2150MHz	~2.5dB	F
	Uplink/Return	DC-862MHz	~0.5dB	IEC(f)
PSW241 & PSW241M	TV	450-862MHz-NPP*	~2.5dB	IEC(m)
	Radio	87.5-230MHz	~2.5dB	IEC(f)
	Satellite IF	950-2400MHz	~2.5dB	F
	Sat 2	DC-2400MHz	~2.0dB	F
PSW351T	TV	450-862MHz-NPP*	~2.5dB	IEC(m)
	Uplink/Return	DC-862MHz	~0.5dB	IEC(f)
	Radio	87.5-230MHz	~2.5dB	IEC(f)
	Satellite IF	950-2400MHz	~2.5dB	F
	Sat 2	DC-2400MHz	~2.0dB	F

***NPP = No DC Power Pass**

1. Isolations between outlets and all return losses comply with the requirements of EN 50083-4.
2. Screening effectiveness complies with the requirements of EN 50083-2 (Class B) when correctly installed.
3. All types require a 35mm deep mounting box.

Customer Careline: 08457 573 479

Local rate UK number, Monday to Friday 9am-5pm

Website: <http://www.labgear.co.uk>