



17 Wire Splitter

INSTRUCTION MANUAL

WS172-05



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In the interest of continuous improvement,
all specifications of products within this brochure are
subject to change without notice.

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SAFETY

The Multiswitches are intended for indoor use only.

Do not install the Multiswitch in damp, humid, hot or dusty areas.

Switch off and remove the power supply when making connections to the Multiswitch to avoid damaging the unit.

Always earth bond the Multiswitch using the Earth Bonding Lug and/or the Earth Terminal Bars to a suitable earth bonding point using minimum 4mm² diameter earth cable.

PRECAUTIONS

To ensure trouble free operation:

Do not remove the cover of the Multiswitch or disassemble it as this will invalidate the guarantee.

The female F connectors on this unit were designed for use with '100' type coaxial cable with a centre core diameter of 1mm². When using larger CT125 or CT167 cables, you must ensure that suitable F connectors with reducing pins are used otherwise damage to the unit will occur which will invalidate the guarantee.

Do not over tighten the F connectors (finger tight only).

GUARANTEE

All Whyte products are guaranteed for a period of 4 years from the date of purchase against defects. Within this guarantee period, Whyte Technologies will repair or replace the faulty product. In the unlikely event, please return any faulty products to your dealer.

The Guarantee will be deemed as void if the serial number on the product is removed, damaged or illegible. The Guarantee excludes defects caused by incorrect use, accidental damage, disassembly, water/fire/lightning damage or lack of ventilation.

GENERAL DESCRIPTION

The Whyte Series 17 Splitter is a passive device designed to be used with the Whyte Series 17 IRS Multiswitch Range. The WS172-05 Splitter comes with 17 F-type Couplers for quick & easy insertion in to a cascade of Series 17 Multiswitches.

TECHNICAL DESCRIPTION

The Whyte™ Series 17 Splitter in DC passing though all SAT inputs and outputs. Whilst the WS172-05 Splitter does not require power to function (passive device) it has an Auxiliary 18V Input which enables a Whyte™ Power Supply Unit to be connected thus serving as a convenient DC injector.

The Auxiliary Input injects 18V DC onto the HH and HL trunk lines upwards and downwards.

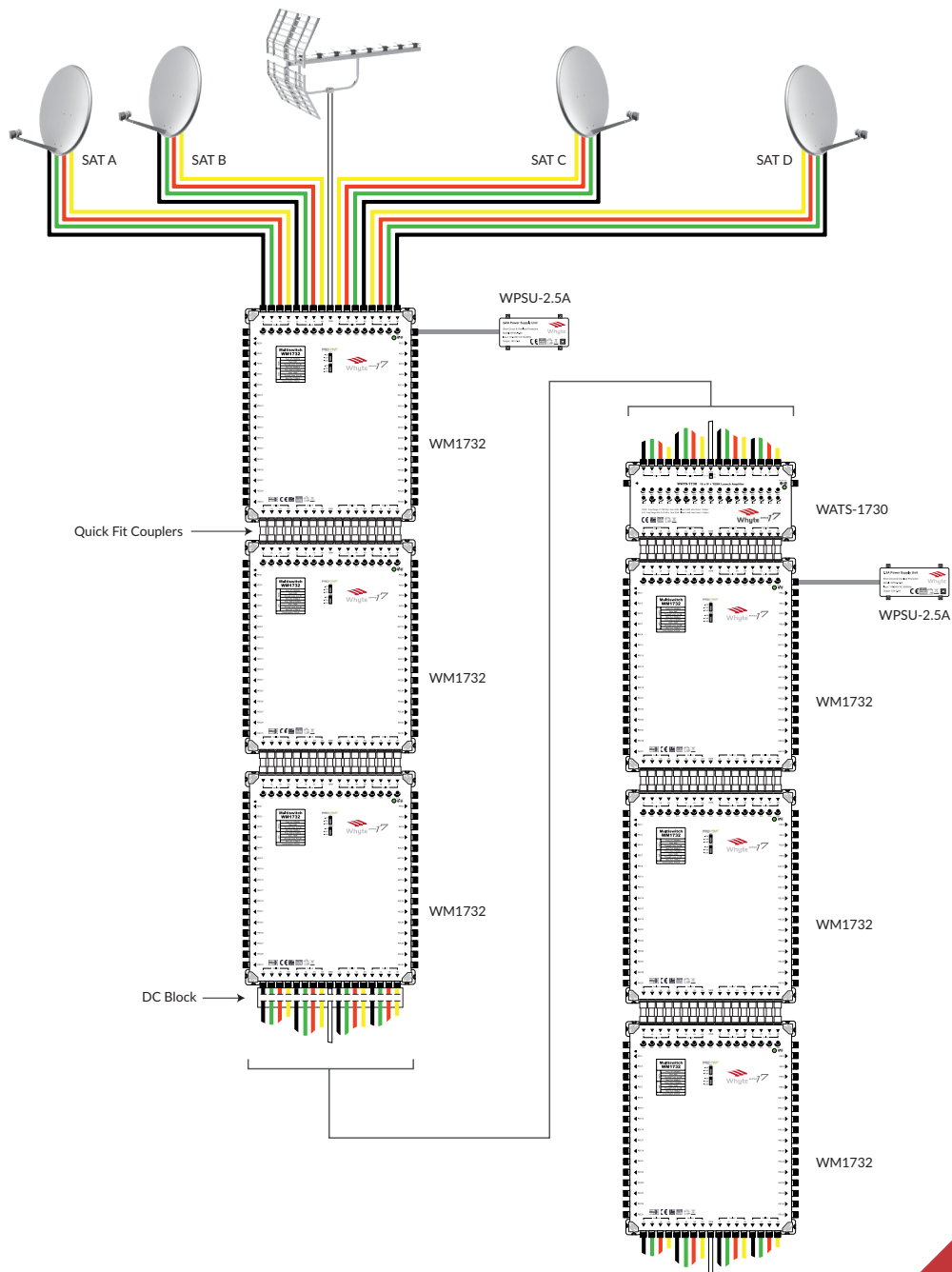
A Green LED indicates the presence of power on the HL and HH trunk lines.

The Whyte™ Series 17 range is compact due to the zigzag layout of the input and output terminals. Therefore an F connector tool should be used to fit the input and output cables.

Do not over tighten the F connectors (finger right only).

EXAMPLE CONFIGURATION

17 WIRE SINGLE TRUNK CASCADE CONFIGURATION



- 4 Years Warranty
- Compact size
- 16 x SAT inputs & 1 x TERR input
- 2 x 16 SAT + 2 TERR Outputs
- LTE Filter rejects 4G interference
- Green LED indicates DC power present
- Colour coded inputs & outputs
- 18V Auxiliary Input injects power to the HL & HH trunk lines
- Comes with 17 F-Type couplers for easy connection to Series 17 Multiswitches & Amplifiers



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MODEL		WS172-05
Frequency	SAT	950-2150MHz
	TERR	87-790MHz
Inputs (F-Type Connector)		16 SAT + 1 TERR
Outputs (F-Type Connector)		2x 8 SAT + 2x TERR
DC Input (Injection of DC applied to)		SAT Trunk HL + HH
DC Pass Trunk to Tap	SAT	YES
	TERR	NO
DC Pass Trunk to Trunk	SAT	~
	TERR	~
Trunk Through Loss	SAT	~
	TERR	~
Tap Loss	SAT	4dB±1dB
	TERR	4dB±1dB
Fixed Slope Tap (SAT)		4dB
Isolation		>30db
Max Current Pass (Trunk/Trunk Trunk/Tap)		2A
Power Indication		LED
Dimensions W x L x H (mm)		278 x 278 x 43
Weight		1360g



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