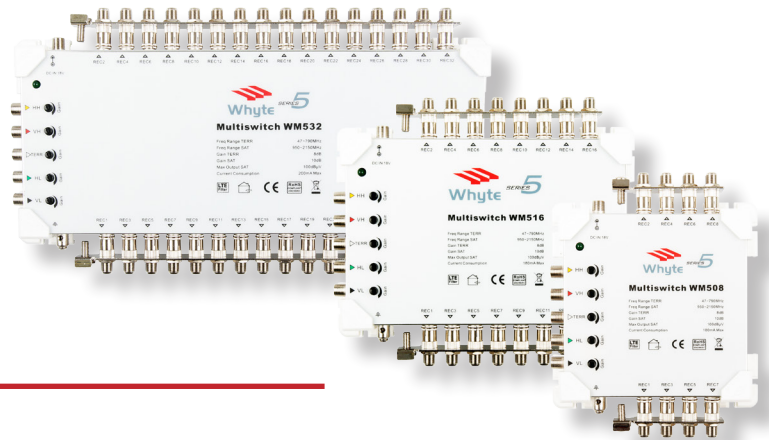


5 WIRE MULTISWITCHES



WM508 | WM512 | WM516 | WM524 | WM532

The Whyte Series 5 Multiswitch range is universally flexible and is designed to be used in small, medium to large Integrated Reception Systems (IRS). Whyte Multiswitches can be used as Standalone Multiswitches when powered directly via the 18V Auxiliary Input by using a Whyte 0.8A Power Supply Unit (model WPSU-0.8A).



- 1 Line Powered Multiswitch
- 2 Use as standalone when powered with a Whyte PSU
- 3 SAT gain 10dB / TERR gain 8dB
- 4 Gain Control on all inputs
- 5 Comes with Earth Bars fitted
- 6 Uses the receiver power to reduce demands on system PSU
- 7 Colour coded inputs and outputs
- 8 LED power indicator
- 9 Inbuilt LTE filter
- 10 Adequate clearance to route cables under the Multiswitch
- 11 Use Whyte Series 5 Launch Amplifiers and Taps/Splitters to build large capacity IRS Systems

Model		WM508	WM512	WM516	WM524	WM532
Frequency	Satellite	950-2150MHz	950-2150MHz	950-2150MHz	950-2150MHz	950-2150MHz
	Terrestrial	47-790MHz	47-790MHz	47-790MHz	47-790MHz	47-790MHz
Inputs (F-Type Connector)		4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR
Outputs (F-Type Connector)		8 Tap Outputs	12 Tap Outputs	16 Tap Outputs	24 Tap Outputs	32 Tap Outputs
Gain	SAT	≥10dB	≥10dB	≥10dB	≥10dB	≥10dB
	TERR	≥8dB	≥8dB	≥8dB	≥8dB	≥8dB
Gain Control	SAT	11±2dB	11±2dB	11±2dB	11±2dB	11±2dB
	TERR	11±2dB	11±2dB	11±2dB	11±2dB	11±2dB
Isolation	Trunk - Trunk	≥28dB	≥28dB	≥28dB	≥28dB	≥28dB
	Cross Polar	≥25dB	≥25dB	≥25dB	≥25dB	≥25dB
	Tap-Tap SAT	≥25dB	≥25dB	≥25dB	≥25dB	≥25dB
	Tap-Tap TERR	≥23dB	≥23dB	≥23dB	≥23dB	≥23dB
	Rejection	≥20dB	≥20dB	≥20dB	≥20dB	≥20dB
Output Level	SAT (IMA ³ 35dB)	100dBμV	100dBμV	100dBμV	100dBμV	100dBμV
	TERR (IMA ³ 60dB)	90dBμV	85dBμV	85dBμV	85dBμV	85dBμV
Switching Voltage		15±0.8V	15±0.8V	15±0.8V	15±0.8V	15±0.8V
Trunk Max Current Pass (per line)		2A	2A	2A	2A	2A
Switching Commands		13V-18V 13V22K-18V22K	13V-18V 13V22K-18V22K	13V-18V 13V22K-18V22K	13V-18V 13V22K-18V22K	13V-18V 13V22K-18V22K
Current Consumption		180mA Max	180mA Max	180mA Max	200mA Max	200mA Max
Dimensions (mm)		157x138x43	157x202x43	157x202x43	157x266x43	157x330x43
Weight		640g	870g	910g	1190g	1450g