

Series A Distribution Amplifiers

ADA102 | ADA104 | ADA106



- Cascadable
- Gain Control
- LTE Filter (5G)
- RED Compliant
- IRS Loop-Through
- 4 Years Warranty
- Internal power supply
- Ultra-Low Noise $\leq 4\text{dB}$
- Remote Powering via TERR outputs
- 10dB ~ 12dB Gain (depending on model)
- Adequate cable clearance for routing underneath
- Models available include 2, 4, 6, 8, 12 and 16-way output High Quality all metal construction Distribution Amplifier

A comprehensive range of RED Compliant, all metal construction professional Advanced Distribution Amplifiers with IRS Loop-through. This enables Whyte Series A Distribution Amplifiers to be connected directly to a Multiswitch subscriber output whereby the SAT and TERR/RADIO signals are passed through the Distribution Amplifier before terminating at the outlet plate. The TERR/RADIO signals are amplified before being distributed to the TERR & RADIO outlets.

The Whyte Series A Distribution Amplifiers are available in sizes ranging from 2-Way to 16-Way. The IRS Loop-through can also be used to cascade multiple units to create large scale Master Antenna TV systems (MATV).

When used as a standard TERR and RADIO Distribution Amplifier, the Whyte range of Distribution Amplifiers offer a professional, low noise, high gain solution.



MODEL	ADA102	ADA104	ADA106
TERR Frequency Range	87MHz ~ 964MHz	87MHz ~ 964MHz	87MHz ~ 964MHz
TERR/IRS Input (F-Type Female)	1	1	1
TERR Tap Outputs (F-Type Female)	2	4	6
SAT Loop Through (F-Type Female)	1 x 87 ~ 2150MHz	1 x 87 ~ 2150MHz	1 x 87 ~ 2150MHz
RED Compliance	Class 1	Class 1	Class 1
TERR Gain	12dB	10dB	10dB
Max Output TERR (IMA3 -60dB)	90dBuV	90dBuV	90dBuV
Max Noise Figure	$\leq 4\text{dB}$	$\leq 4\text{dB}$	$\leq 4\text{dB}$
SAT Through Loss	4dB	4dB	4dB
Impedance	75 Ω	75 Ω	75 Ω
Loop Through Passing	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC
Mains Operation	230V AC	230V AC	230V AC
Remote DC Powering (via TERR outputs)	12V DC	12V DC	12V DC
Remote DC Consumption	40mA Max	40mA Max	100mA Max
Power Indicator	LED	LED	LED
Earth Lug	Up to 6mm ² core	Up to 6mm ² core	Up to 6mm ² core
Dimensions W x L x H (mm)	168x116x43	168x116x43	200x116x43
Weight	332g	340g	450g

Series A Distribution Amplifiers

ADA108 | ADA112 | ADA116

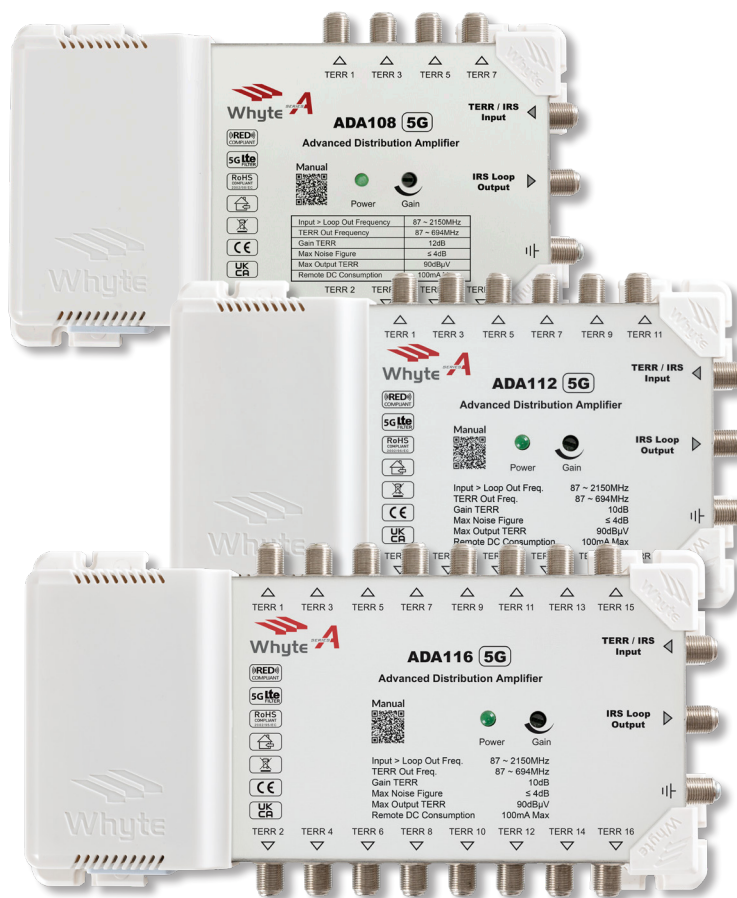


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MODEL	ADA108	ADA112	ADA116
TERR Frequency Range	87MHz ~ 964MHz	87MHz ~ 964MHz	87MHz ~ 964MHz
TERR/IRS Input (F-Type Female)	1	1	1
TERR Tap Outputs (F-Type Female)	8	12	16
SAT Loop Through (F-Type Female)	1 x 87~ 2150MHz	1 x 87~ 2150MHz	1 x 87~ 2150MHz
RED Compliance	Class 1	Class 1	Class 1
TERR Gain	10dB	10dB	10dB
Max Output TERR (IMA3 -60dB)	90dBuV	90dBuV	90dBuV
Max Noise Figure	$\leq 4\text{dB}$	$\leq 4\text{dB}$	$\leq 4\text{dB}$
SAT Through Loss	4dB	4dB	4dB
Impedance	75 Ω	75 Ω	75 Ω
Loop Through Passing	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC
Mains Operation	230V AC	230V AC	230V AC
Remote DC Powering (via TERR outputs)	12V DC	12V DC	12V DC
Remote DC Consumption	100mA Max	100mA Max	100mA Max
Power Indicator	LED	LED	LED
Earth Lug	Up to 6mm ² core	Up to 6mm ² core	Up to 6mm ² core
Dimensions W x L x H (mm)	200x116x43	200x116x43	232x116x43
Weight	458g	472g	528g