

**Programmable Amplifier with 32 Filters**



- Programmable launch amplifier
- 32 built-in filters with AGC
- X2 UHF/BIII inputs + FM input
- OLED screen with user interface front panel operation
- Highly agile with channel shift function
- Auto-tuning for automatic channel selection
- 4G/5G LTE built-in filters
- 12V DC line on inputs
- Remote powering function
- Din rail or wall mounting

APA02 Technical Specifications			
	FM	BIII/DAB	UHF
Inputs	1	1	1
Frequency range	88 - 108MHz	170 - 230MHz	470 - 694MHz
Max Gain	20dB		
Single Channel Filters	32		
Channels Per Filter	1 (with channel to channel conversion)		
Input level Range	35 ~ 90dBμV	45 ~ 100dBμV	45 ~ 90dBμV
BIII/DAB/FM/UHF Input Pre-Amplifier	-	OFF=0 / ON= +15dB	
Automatic Gain Control	40dB		
Digital Filters Selectivity	≥50 Adjacent Channels		
Gain	-10/+15dB	40 ~ 50dB	60dB
Total Output Level Range	70 ~ 90dBμV		
Level Adjustment	-	0 ~ -10dB	0 ~ +5dB
Max Total Output	105dBμV		
Return Loss In/Out	>10dB		
Aerial Input Remote Powering	-	-	12V 60mA
OLED Display	128 Pixels, 5 Rows		
Operating Temperature	-15 ~ +40°C		
Input Voltage	100 ~ 240 VAC 50/60Hz		
Maximum Consumption	8W		
Dimensions & weight	135 x 91 x 42mm		
Input Voltage	100 ~ 240 VAC 50/60Hz		

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