

## Broadband apartment amplifiers

FOR TERRESTRIAL TV



\*Compared to  
previous models

- ▶ **Renewed look:** new aesthetics
- ▶ **Compact size.**
- ▶ **Quick and easy assembly and adjustment** – no need to move parts or open covers.
- ▶ **Built-in power supply with extended range:** works from 110 V to 240 V.
- ▶ **Gain regulation** in each band.
- ▶ **Separate UHF and VHF amplification** – high output level and low noise figure.
- ▶ **Impact resistant ABS plastic case.**
- ▶ **Internal zamak chassis** for maximum shielding.
- ▶ **Optional DIN rail installation.**
- ▶ **F-type connectors.**

Output  
level \*\*  
102  
dB $\mu$ V

## SAVE TIME & MONEY

Our new amplifiers consume almost half the energy\*,  
with quick and easy commissioning

\*Compared to previous models



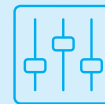
### New aesthetics

Amplifiers with a compact size



### Resistants

ABS plastic case and zamak inner chassis



### Gain

Separate regulator for VHF and UHF bands

		9040254		9040255	
		AI-201		AI-271	
Inputs / Outputs		1 / 2		1 / 2	
Frequency range	Band	VHF	UHF	VHF	UHF
	MHz	40-318	470-862	40-318	470-696
Gain	dB	14 ±2.0	24 ±2.0	14 ±2.0	24 ±2.0
Gain adjustment	dB	16	12	16	12
Output level	dBuV	102 DIN 45004B 99 IMD3 -60 dB 88 IMD2 -60 dB 86 CTB -60 dB 82 CSO -60 dB 89 XMOD -60 dB		102 DIN 45004B 99 IMD3 -60 dB 88 IMD2 -60 dB 86 CTB -60 dB 82 CSO -60 dB 89 XMOD -60 dB	
Noise figure		<4	<4	<4	<5
Return loss		≥10	≥10	≥10	≥10
LTE band rejection	dB	-	-	35	35
Mains voltage	Vac	90-264		90-264	
	W	1,5		1,5	
Operating temperature	°C	-5..+60		-5..+60	
Protection index		IP30		IP30	