

## Modern broadband DVB-T antenna

### asr CLASSIC



RoHS



Modern broadband asr classic antenna is dedicated to reception of DVB-T digital-TV signals. It has a large energy gain and a built-in ultra low noise pre-amplifier that can be powered with voltage ranging from 5 to 24V. Low level of own noise of first amplification level is significant to obtain a good signal quality (high S/N ratio).

The antenna is assembled. Installation of the antenna requires only slight unscrewing of side knobs, parting the "wings" of the reflectors, re-tightening of the knobs.

The antenna receives also signals from the VHF band, which will be used in the future for diffusion of DAB digital radio signal. Therefore, DAB signal will be received without the need to mount an additional aerial.



- Suitable for reception of DVB-T digital terrestrial signals
- It has a very high energy gain and a built-in ultra **low noise pre-amplifier**
- Well designed and resistant
- The pre-amplifier is powered with direct current voltage ranging from 5 to 24V (12V power supply with the ZZA-7 power inserter are included with antenna)

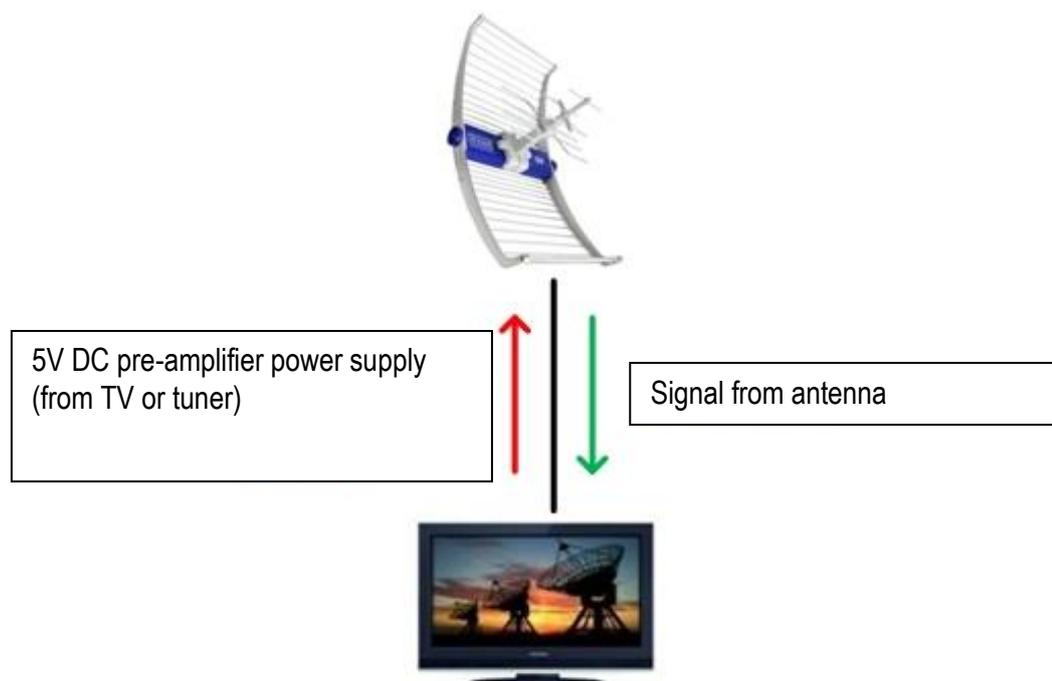
[www.telmor.pl](http://www.telmor.pl)

## Technical Parameters

TYPE		asr	asr classic
Reception frequency range	MHz	174-230 ; 470-862	
Gain	dBi	6@(174-230); 14@(470-862)	
Gain	dB	/	20
Polarity	/	Horizontal (H)	
3dB beamwidth (horizontal plane)	°(deg)	40	
Radiation ratio - Front / Rear	dB	24	
Noise factor	dB	/	≤2.5
Maximum TV signal level at output (DIN)	dBμV	/	100*
Power supply / power consumption	V / mA	/	+5..+24 / ≤30
OTHER			
Mast diameter - maximum	mm	25-60	
Maximum load of the wind	N	120	
Output Impedance	Ohm	75	
Output connector	/	"F" connector	
Dimensions in the working state	mm	820 x 455 x 220	
Weight	kg	2,48	
Package	/	box	
Standard equipment	/	Threaded "F" connector x 1pc, "IEC" x 1 pc.	Threaded "F" connector x 1pc, ZZA-7 power supply with separator

\*d\* - for digital signals, level is lower by 6dB.

### *An example of use of asr CLASSIC antenna*



Technical specifications are subject to change without notice.

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