

# Features

- 21-inch color television set with remote control
- Multisystem (TV broadcasts and video playback systems – PAL/ SECAM B/G, D/K; AV systems – PAL, SECAM, NTSC - 3.58 MHz/ 4.43 MHz)
- I2C bus control
- Improved adopting black fitter stretch circuit (for enhancing picture contrast of black background)
- Improved digital delayed self-compensation circuit (for increasing the frequency part, enhancing picture edge and improving picture definition)
- Built-in digital comb filter (NTSC) (for ensuring purer picture with brighter colours)
- 100 channels memory (VHF, UHF and CATV)
- CATV ready
- Automatic and semi-automatic program tuning
- Convenient and easy controlling the TV set through the on-screen display (OSD) menu system
- Russian/English OSD
- Direct program choice
- 2 x Audio/Video (AV) inputs, 1 x Audio/Video (AV) output and 1 x S - VIDEO
- 4 pre-set picture modes
- Sleep timer (for setting time duration, at the end of which the TV set automatically turns into "stand by" mode)
- Automatic noise reduction and blue background in the case of none TV signal
- Automatic turning the TV set into "stand by" mode in 15 min after finishing the TV program translation

# ORION<sup>®</sup>

## 21 inch Model MA2103



### Technical characteristics

<b>Tube</b>	
<b>Dimension</b> .....	21 inch (54 cm)
<b>Systems</b>	
TV broadcasts and video playback systems .....	PAL/SECAM B/G, D/K
AV systems .....	PAL, SECAM, NTSC - 3.58MHz/ 4.43MHz
<b>Channels</b>	
Channels (tuners frequencies) .....	
..... VHF(L): 46.25-168.25MHz; VHF(H): 175.25-463.25MHz; UHF: 471.25-863.25MHz	
Channels (CATV) .....	
..... Mid band: X- Z, S1- S10; Super band: S11- S20; Hyper band: S21- S41	
No of channels .....	100
Channels indication .....	Screen display
<b>On-screen display, sound output, automatic switching off</b>	
On-screen display language .....	Russian/English
Sound output .....	5 wx2
Automatic switching off durations .....	10...120 min, interval 10 min
<b>Inputs and terminals</b>	
Radio frequency (RF) antenna input .....	75 Ohms (un-balanced)
Video/audio terminals	
Video input .....	1 Vp-p, 75 Ohms
Audio input .....	•200 mV (effective), •70 kOhms
<b>Power consumption and power supply</b>	
Maximum power consumption .....	80 W
Power supply .....	220 V, 50 Hz (160-260 V, 50-60 Hz)
<b>Accessories</b>	
Remote Controller with Batteries .....	1 pc
User's Manual and Warranty Card .....	1 pc
<b>Dimensions and weight</b>	
Dimensions (W. X H. X D.) .....	590 mm X 472 mm X 479 mm
Weight (net) .....	23kg