

# 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)
- Voltage Synthesize Tuning (VST) (which provides the capability of tuning one TV program on several different channels)
- I<sup>2</sup>C 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 colors)
- 255 channels memory (VHF, UHF and CATV)
- CATV ready
- Automatic and semi-automatic program tuning (semi-automatic program tuning in both directions)
- Convenient and easy controlling the TV set through the on-screen display (OSD) menu system
- Russian/English/etc OSD (MP2104) & Ukrainian/Russian/English/etc OSD (MP2104U)
- Direct program choice
- “Recall” function (switching between last and current programs)
- Teletext (10 pages)
- Audio/Video (AV) input/output (back), Audio/Video (AV) input (front) and 1 x headphones input (front)
- Stereo AV
- S-VHS input (back)
- 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)
- On/Off timer
- “Child lock” and “Hotel lock” (by means of programming it’s possible to restrict complete access to TV sets (“Child lock”) or partly access to some TV sets functions (“Hotel lock”))
- 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
- Built-in calendar and games
- *Options: NICAM/IGR, equalizer*

# ORION<sup>®</sup> 21 inch Model MP2104 / Model MP2104U



## Technical specifications

<b>Tube</b>	
<b>Dimension</b> .....	21" (54 cm)
<b>Systems</b>	
<b>TV broadcasts and video playback systems</b> .....	PAL/SECAM B/G, D/K
<b>AV systems</b> .....	PAL, SECAM, NTSC - 3.58 / 4.43
<b>Channels</b>	
<b>Channels (tuners frequencies)</b> .....	
..... VHF(L): 46.25-168.25MHz; VHF(H): 175.25-463.25MHz; UHF: 471.25-863.25MHz	
<b>Channels (CATV)</b> .....	
..... Mid band: X- Z, S1- S10; Super band: S11- S20; Hyper band: S21- S41	
<b>No of channels</b> .....	255
<b>Channels indication</b> .....	Screen display
<b>On-screen display, sound output, automatic switching off</b>	
<b>On-screen display language</b> .....	Russian/English/etc (MP2104) & Ukrainian/Russian/English/etc (MP2104U)
<b>Sound output</b> .....	2,5Wx2
<b>Automatic switching off durations</b> .....	10..60 min, interval 10 min
<b>Inputs and terminals</b>	
<b>Radio frequency (RF) antenna input</b> .....	75 Ohms (un-balanced)
<b>Video/audio terminals</b> .....	
<b>Video input</b> .....	1 Vp-p, 75 Ohms
<b>Audio input</b> .....	≥ 200 mV (effective), 70 kOhms
<b>Power consumption and power supply</b>	
<b>Maximum power consumption</b> .....	70 W
<b>Power supply</b> .....	220 VAC, 50 Hz (90-270 VAC, 50-60 Hz)
<b>Accessories</b>	
<b>Remote Controller with batteries</b> .....	1 pc.
<b>User's Manual and Warranty Card</b> .....	1 pc.
<b>Dimensions, weight, container loading</b>	
<b>Dimensions (W x H x D)</b> .....	590 mm X 472 mm X 479 mm
<b>Weight (net)</b> .....	23 kg
<b>Container loading (20'/40'/40'HQ)</b> .....	160/327/409