

# ESR-D100

## Digital Receiver FTA



### FEATURES

- MPEG-2 video(MP@ML) and MPEG-1,2 audio layer1 & 2
- Fully DVB compliant
- PAL/ NTSC Supported
- On-screen display with 256-color full resolution
- 14/18V, 0/22KHz tone and DiSEqC 1.2 / 1.0
- RS232C port for additional information service and upgrading software
- 4-digit 7-segment LED on the front panel displays channel information
- Displays local time on the front panel when it is on stand-by mode
- Displays signal level to set up the satellite antenna
- OSD/VBI Teletext and Subtitle supported
- Favorite channel function
- SCPC/MCPC receivable from C/Ku band satellites
- User-friendly OSD(on-screen display) menu with full function
- Variable aspect ratio(4:3, 16:9) with Pan / Scan Vector
- Full / Simple EPG for on-screen channel information and reservation function
- Parental lock
- Multi-lingual function when provided by the satellite and program provider
- Total 4,000 channels programmable
- S/PDIF Audio output for Dolby digital (AC-3) programs

### SPECIFICATIONS

#### LNB / TUNER

Input frequency: 950 ~ 2,150 MHz  
RF input level: -65 ~ -25dBm  
LNB control: DiSEqC 1.2 and 1.0  
LNB power: 14V/18V (Max. 400mA)  
LNB tone switch: 22KHz±4KHz

#### Demodulator

Waveform: QPSK ( SCPC, MCPC capable )  
Symbol rate: 2~45Mbps  
Output data rate: Max. 55Mbps

#### MPEG

Transport stream: MPEG-2  
Input rate Max.: 80Mbps (parallel)  
Video: MPEG-2 Main Profile / Main Level  
Audio: MPEG-1,2 layer 1 & 2

#### Video

CVBS/YC/RGB output level: 1Vp-p into 75Ω  
Video format: 4:3, 16:9  
Frequency: 5Hz ~ 5MHz

#### Audio

Sampling frequency: 32/44.1/48kHzS  
Frequency response: 20Hz to 20kHz HI-FI Quality Digital Stereo  
Audio output level: 2Vrms Max. into 10K

#### Connector

LNB tuner: IEC 169 F-type, Female  
TV SCART: RGB, CVBS, Y/C, Audio L/R  
VCR SCART: RGB, CVBS, Audio L/R  
RCA jack Stereo: Audio L/R, CVBS  
RF modulator: IEC 169-2, Male/Female, Multi standard (Ch21~69)  
Serial Port: RS232C 9 pin D-Sub Male

#### General Data

Supply voltage: SMPS, Free Voltage ( 90~245V, AC50/60 Hz )  
Power consumption: Max. 25W  
Operating temp: 0° ~ 50°  
Dimensions: 375 (W) X 258 (D) X 71 (H)  
Weight: 2.5Kg

The above specifications are subject to change without notice.