

DT524 DIGITAL TERRESTRIAL RECEIVE

FEATURES

1) Digital receiver for Terrestrial

Features for Terrestrial:

Easy Manual Search

Frequency Range: VHF and UHF

Bandwidth: 8MHz (or 7MHz)

Wave form: COFDM

2) Other Features :

Easy Menu Installation

Digital Tuner with Loop-through out

MPEG-2 Main Profile at Main Level(MP@ML)

RS232C Port for Updating Control Software(PC to STB and STB to STB)

Multi-language Function(Menu ,Audio)

OSD: 256 Palette Colors

Choose Personal OSD Style

First Time Installation Wizard

Games

Calendar

EPG(weekly) for Onscreen Channel Information

Teletext for OSD

Digest (Nine Pictures)

Regional Setting

Timer function

Sorting Functions (By Channel Name or ServiceID or Channel NO.)

Front Panel Buttons & Full function IR Remote Controller User Interface

Disposes of Favorite Channel Lists

Channel Lock

1000 Channel Memory

NTSC/PAL identification and converting automatically and manually

Screen format: 4:3, 16:9

Market: Europe, Australia

Interface: Antenna In, TV Scart, RS-232

Size: 260*40*190mm

SPECIFICATIONS

| | | |
|------------------------------------|-----------------|-------------------|
| Tuner & Channel for Terrestrial | Type | IEC 169-2 Female |
| | Frequency Range | VHF and UHF |
| | Bandwidth | 8MHz or 7MHz |
| | Input impedance | 75 ohm unbalanced |
| | Signal Level | -81.8 ~ -20dBm |
| Modulation | Modulation | COFDM |

| | | |
|--|-----------------------------|--|
| | Constellation | QPSK, 16QAM, 64QAM |
| | Transmission mode | 2K , 8K |
| | Guard Interval | 1/4, 1/8, 1/16, 1/32 |
| | Code Rate | 1/2, 2/3, 3/4, 5/6, 7/8 |
| System & Memory | Main Processor | CHEERTEK CT212T BA |
| | Flash Memory | 16 Mbits |
| | SDRAM | 64 Mbits |
| | Channel Memory | Up to 1000 channels |
| | Multi-Language Menu | English/French/Italian/Portuguese/Spanish/Dutch/Ge many |
| | Remote Controller | 36 Keys, IR Remote Control |
| MPEG Transport Stream & A/V Decoding | Transport Stream | MPEG-2 ISO/IEC 13818 |
| | Profile Level | ISO/IEC 13818-2 MPEG-2 MP@ML |
| | Input Rate | Max.60Mbits/S |
| | Aspect Ratio | 4:3 , 16:9 |
| | Frame Rate | PAL: 25Hz; NTSC: 30Hz |
| | Video Resolution | 720 x 576(PAL), 720 x 480(NTSC) |
| | Teletext | DVB-TXT ETSI/EN 300 472 |
| | Audio Decoding | MPEG/MusiCam Layer 1 & 2 |
| | Frequency Response | 20Hz ~ 20KHz, <+/-2dB 60Hz ~ 18KHz <+/-0.5dB |
| | Sampling Rate | 24,44.1,48KHz |
| A/V & Data In/Out | TV Scart Output | RGB,CVBS, L, R Output with Volume Control |
| | Data Interface | RS-232, Bit Rate: 115200baud |
| Power Supply | Input Voltage | AC 90 ~ 240V |
| | Power Consumption | Max. 20W |
| | Stand-by Power | <=8W |
| Physical Specification | Size(WxHxD) | 260*40*190mm |
| | Weight | 1.2kg |
| Environmental Conditions | Operating Temperature | 0 ~ 40 ° C |
| | Storage Temperature | -30 ° C ~ 80 ° C |
| | Operating Humidity Range | 10~85% RH, Non-condensing |
| | Storage Humidity Range | 5~90% RH, Non-condensing |

DT540 DIGITAL TERRESTRIAL RECEIVER

MAIN FEATURES

Easy menu installation

Digital Tuner with Loop-through out

MPEG-2 Main Profile at Main Level(MP@ML)

RS232C Port for Updating Control Software(PC to STB and STB to STB)

Multi-language Function(Menu ,Audio)

OSD: 256 Palette Colors

Games

EPG(Now and Next) for Onscreen Channel Information

Front Panel Buttons & Full function IR Remote Controller User Interface

LED real time clock display

Channel and Receiver Lock

2000 Channel Memory

Edit Functions(TV or Radio Channel, Channel Name, Favorite Name)

NTSC/PAL identification and converting automatically and manually

Screen format: 4:3, 16:9

Frequency Range: VHF and UHF

Bandwidth: 8MHz

Wave form: COFDM

Interface: TWO SCARTS, DIGITAL AUDIO, RS-232, ETC

SPECIFICATIONS

1. Tuner & Channel

| | |
|-----------------|-------------------|
| Type | IEC 169-2 Female |
| Frequency Range | VHF and UHF |
| Bandwidth | 8MHz |
| Input impedance | 75 ohm unbalanced |
| Signal Level | -78 ~ -20dBmV |

2. Modulation

| | |
|-------------------|-------------------------|
| Modulation | COFDM |
| Constellation | QPSK, 16QAM, 64QAM |
| Transmission mode | 2K , 8K |
| Guard Interval | 1/4, 1/8, 1/16, 1/32 |
| Code Rate | 1/2, 2/3, 3/4, 5/6, 7/8 |

3. System & Memory

| | |
|---------------------|--|
| Main Processor | STi5518 |
| Flash Memory | 2 Mbytes |
| SDRAM | 8 Mbytes |
| Channel Memory | Up to2000 channels |
| Multi-Language Menu | English/French/Spanish/Germany (more language can be added as requested) |

| | |
|-------------------|----------------------------|
| Remote Controller | 32 Keys, IR Remote Control |
|-------------------|----------------------------|

4. MPEG Transport Stream & A/V Decoding

| | |
|--------------------|---|
| Transport Stream | MPEG-2 ISO/IEC 13818 |
| Profile Level | ISO/IEC 13818-2 MPEG-2 MP@ML |
| Input Rate | Max.60Mbits/S |
| Aspect Ratio | 4:3 , 16:9 |
| Frame Rate | PAL: 25Hz; NTSC: 30Hz |
| Video Resolution | 720 x 576(PAL), 720 x 480(NTSC) |
| Teletext | DVB-TXT ETSI/EN 300 472 |
| Audio Decoding | MPEG/MusiCam Layer 1 & 11, MP3, AC3 |
| Frequency Response | 20Hz ~ 20KHz, <+/-2dB 60Hz ~ 18KHz <+/-0.5dB |
| Sampling Rate | 23,44.1,48KHz |

5. A/V & Data In/Out

| | |
|------------------|---|
| TV Scart Output | CVBS, L, R Output with Volume Control |
| VCR Scart In/Out | CVBS, L, R In CVBS, L, R Out |
| Data Interface | RS-232, Bit Rate: 115200baud Connector : 9-Pin D-Sub Male type |

6. Power Supply

| | |
|-------------------|---|
| Input Voltage | AC 90~240, 50Hz~60Hz |
| Power Consumption | Max. 20W |
| Stand-by Power | <=6.5W |
| Protection | Separate Internal Fuse The input shall have the lightning protection |

7. Physical Specification

| | |
|-------------|------------------|
| Size(WxHxD) | 260mmx40mmx195mm |
| Weight | 1.8kg |

8. Environmental Conditions

| | |
|-----------------------|------------------|
| Operating Temperature | 0 ~ 40 ° C |
| Storage Temperature | -30 ° C ~ 80 ° C |

| | |
|--------------------------|---------------------------|
| Operating Humidity Range | 10~85% RH, Non-condensing |
| Storage Humidity Range | 5~90% RH, Non-condensing |

DT527T DIGITAL TERRESTRIAL RECEIVER

MAIN FEATURES

Easy Manual Search
 Easy Menu Installation
 Digital Tuner with Loop-through out
 MPEG-2 Main Profile at Main Level(MP@ML)
 RS232C Port for Updating Control Software(PC to STB and STB to STB)
 Multi-language Function(Menu ,Audio)
 OSD: 256 Palette Colors
 Choose Personal OSD Style
 Games
 Calendar
 EPG(weekly) for Onscreen Channel Information
 Teletext for OSD
 Digest (Nine Pictures)
 Regional Setting
 Timer function
 Sorting Functions (By Channel Name or ServiceID or Channel NO.)
 Front Panel Buttons & Full function IR Remote Controller User Interface
 Disposes of Favorite Channel Lists
 Channel Lock
 1000 Channel Memory
 NTSC/PAL identification and converting automatically and manually
 Screen format: 4:3, 16:9

SPECIFICATIONS

| | | |
|-----------------|-------------------|-----------------------------|
| Tuner & Channel | Type | IEC 169-2 Female |
| | Frequency Range | 47MHz to 862MHz (VHF~UHF) |
| | BandWidth | 8MHz or 7MHz or 6MHz |
| | Input Impedance | 75 ohm unbalanced |
| | Singal Level | -78 ~ -20dBmV |
| Modulation | Modulation | COFDM |
| | Constellation | QPSK, 16QAM, 64QAM |
| | Transmission mode | 2K , 8K |
| | Guard Interval | 1/4, 1/8, 1/16, 1/32 |

| | | |
|--------------------------------------|----------------------------|--|
| | Code Rate | 1/2, 2/3, 3/4, 5/6, 7/8 |
| System & Memory | Main Processor | CT212 |
| | Flash Memory | 1M Bytes |
| | SDRAM | 8M Bytes |
| | Channel Memory | Up to1000 channels |
| | Multi-Language Menu | English/Italian/Germany/Spanish/Dutch, Portuguese |
| | Front | 4 Keys |
| | Remote Controller | 29 Keys, IR Remote Control |
| MPEG Transport Stream & A/V Decoding | Transport Stream | MPEG-2 ISO/IEC 13818 |
| | Profile Level | ISO/IEC 13818-2 MPEG-2 MP@ML |
| | Input Rate | Max.60Mbits/S |
| | Aspect Ratio | 4:3 , 16:9 |
| | Frame Rate | PAL: 25Hz; NTSC: 30Hz |
| | Video Resolution | 720× 576(PAL), 720× 480(NTSC) |
| | Teletext | DVB-TXT ETSI/EN 300 472 |
| | Audio Decoding | MPEG/MusiCam Layer 1 & 11, AC3 |
| | Frequency Response | 20Hz ~ 20KHz, <+/-2dB60Hz ~ 18KHz <+/-0.5dB |
| | Sampling Rate | 23,44.1,48KHz |
| A/V & Data In/Out | TV Scart Output | RGB, CVBS, L, R Output with Volume Control |
| | VCR Scart In/Out(Optional) | CVBS, L, R InCVBS, L, R Out |
| | RCA Output | CVBS, L, R Output(yellow, White, Red Jack) with VolumeControl |
| | S/PDIF | Digital audio output |
| | Data Interface | RS-232, Bit Rate: 115200baudConnector : 9-Pin D-Sub Male type |
| RF-Modulator | RF-Connector | 75W IEC 169-2, Male/Female |
| | Frequency | 470 ~ 860MHz |
| | Output Channel | CH 21 ~ 69 |
| | Audio Output | Mono with Volume Control |
| | Preset Channel | CH 38(or TBD), Software changeable by Menu screen |
| Power Supply | Input Voltage | AC 90~240, 50Hz~60Hz |

| | | |
|--------------------------|--------------------------|---|
| | Power Consumption | Max. 10W |
| | Stand-by Power | <=6.5W |
| | Protection | Separate Internal Fuse The input shall have the lightning protection |
| Physical Specification | Size(WxHxD) | 260*43*200mm |
| | Weight | 1.5kg |
| Environmental Conditions | Operating Temperature | 0 ~ 40°C |
| | Storage Temperature | -30°C ~ 80°C |
| | Operating Humidity Range | 10~85% RH, Non-condensing |
| | Storage Humidity Range | 5~90% RH, Non-condensing |

DT519T DIGITAL TERRESTRIAL RECEIVER

MAIN FEATURES

Easy menu installation
 Digital Tuner with Loop-through out(or RF out)
 MPEG-2 Main Profile at Main Level(MP@ML)
 RS232C Port for Updating Control Software(PC to STB)
 Multi-language Function(Menu ,Audio)
 Single SCART Connectors
 OSD: 256 Palette Colors
 Games
 EPG(weekly) for Onscreen Channel Information
 Teletext function
 Front Panel Buttons & Full function IR Remote Controller User Interface
 Recall function
 LED real time clock display
 Disposes of Favorite Channel Lists
 Channel and Receiver Lock
 1000 Channel Memory
 NTSC/PAL identification and converting automatically and manually
 Screen format: 4:3, 16:9
 Frequency Range: 47MHz to 862MHz (VHF ~UHF)
 Bandwidth: 8MHz (or 7MHz or 6MHz)
 Wave form: COFDM

| | | |
|-----------------|-----------------|------------------------------|
| Tuner & Channel | Type | IEC 169-2 Female |
| | Frequency Range | 47MHz to 862MHz (VHF ~UHF) |
| | BandWidth | 8MHz or 7MHz or 6MHz |
| | Input Impedance | 75 ohm unbalanced |

| | | |
|--------------------------------------|----------------------------|--|
| | Singal Level | -78 ~ -20dBmV |
| | Modulation | COFDM |
| | Constellation | QPSK, 16QAM, 64QAM |
| Modulation | Transmission mode | 2K , 8K |
| | Guard Interval | 1/4, 1/8, 1/16, 1/32 |
| | Code Rate | 1/2, 2/3, 3/4, 5/6, 7/8 |
| | Main Processor | STi5518 |
| | Flash Memory | 2Mbytes |
| | SDRAM | 8Mbytes |
| System & Memory | Channel Memory | Up to1000 channels |
| | Multi-Language Menu | English/Italian/Germany/Spanish/Chinese |
| | Front | 7 Keys, 4-Digit 7-Segment Display |
| | Remote Controller | 29 Keys, IR Remote Control |
| | Transport Stream | MPEG-2 ISO/IEC 13818 |
| | Profile Level | ISO/IEC 13818-2 MPEG-2 MP@ML |
| | Input Rate | Max.60Mbits/S |
| | Aspect Ratio | 4:3 , 16:9 |
| MPEG Transport Stream & A/V Decoding | Frame Rate | PAL: 25Hz; NTSC: 30Hz |
| | Video Resolution | 720× 576(PAL), 720× 480(NTSC) |
| | Teletext | DVB-TXT ETSI/EN 300 472 |
| | Audio Decoding | MPEG/MusiCam Layer 1 & 11, MP3, AC3 |
| | Frequency Response | 20Hz ~ 20KHz, < +/-2dB60Hz ~ 18KHz < +/-0.5dB |
| | Sampling Rate | 23,44.1,48KHz |
| | TV Scart Output | RGB, CVBS, L, R Output with Volume Control |
| | VCR Scart In/Out(Optional) | CVBS, L, R InCVBS, L, R Out |
| A/V & Data In/Out | RCA Output | CVBS, L, R Output(yellow, White, Red Jack) with VolumeControl |
| | S/PDIF | Digital audio output |
| | Data Interface | RS-232, Bit Rate: 115200baudConnector : 9-Pin D-Sub Male type |
| | RF-Connector | 75W IEC 169-2, Male/Female |
| | Frequency | 470 ~ 860MHz |
| RF-Modulator | Output Channel | CH 21 ~ 69 |
| | Audio Output | Mono with Volume Control |
| | Preset Channel | CH 38(or TBD), Software changeable by Menu screen |

| | | |
|---------------|--------------------------|---|
| | Input Voltage | AC 90~240, 50Hz~60Hz |
| | Power Consumption | Max. 10W |
| Power Supply | Stand-by Power | <=6.5W |
| | Protection | Separate Internal Fuse The input shall have the lightning protection |
| Physical | Size(WxHxD) | 280 55 235mm |
| Specification | Weight | 2.0kg |
| | Operating Temperature | 0 ~ 40°C |
| Environmental | Storage Temperature | -30°C ~ 80°C |
| Conditions | Operating Humidity Range | 10~85% RH, Non-condensing |
| | Storage Humidity Range | 5~90% RH, Non-condensing |

DT530T Freeview DIGITAL TERRESTRIAL RECEIVER

MAIN FEATURES

Easy menu installation

Digital Tuner with Loop-through out

MPEG-2 Main Profile at Main Level(MP@ML)

RS232C Port for Updating Control Software(PC to STB and STB to STB)

Multi-language Function(Menu ,Audio)

OSD: 256 Palette Colors

Games

EPG(weekly) for Onscreen Channel Information

Teletext function

Front Panel Buttons & Full function IR Remote Controller User Interface

Disposes of Favorite Channel Lists

Channel and Receiver Lock

1000 Channel Memory

AC-3 audio output through SPDIF

Edit Functions(TV or Radio Channel, Channel Name, Favorite Name)

NTSC/PAL identification and converting automatically and manually

Screen format: 4:3, 16:9

Frequency Range: 47MHz to 862MHz (VHF~UHF)

Bandwidth: 8MHz (or 7MHz or 6MHz)

Wave form: COFDM

Market: Europe, Australia and Asia

Interface: Antenna In, RF Out, S/PDIF, Audio L/R out, One scarts, RS-232

Size: 220mmx40mmx135mm

| | | |
|--------------------------------------|----------------------|---|
| | Type | IEC 169-2 Female |
| Tuner & Channel | Frequency Range | 47MHz to 862MHz (VHF~UHF) |
| | BandWidth | 8MHz or 7MHz or 6MHz |
| | Input Impedance | 75 ohm unbalanced |
| | Singal Level | -78 ~ -20dBmV |
| | Modulation | COFDM |
| Modulation | Constellation | QPSK, 16QAM, 64QAM |
| | Transmission mode | 2K , 8K |
| | Guard Interval | 1/4, 1/8, 1/16, 1/32 |
| | Code Rate | 1/2, 2/3, 3/4, 5/6, 7/8 |
| System & Memory | Main Processor | STi5518 |
| | Flash Memory | 2Mbytes |
| | SDRAM | 8Mbytes |
| | Channel Memory | Up to2000 channels |
| | Multi-Language Menu | English/Italian/Turkish/Arabic/Germany |
| | Remote Controller | 32 Keys, IR Remote Control |
| | Transport Stream | MPEG-2 ISO/IEC 13818 |
| MPEG Transport Stream & A/V Decoding | Profile Level | ISO/IEC 13818-2 MPEG-2 MP@ML |
| | Input Rate | Max.60Mbits/S |
| | Aspect Ratio | 4:3 , 16:9 |
| | Frame Rate | PAL: 25Hz; NTSC: 30Hz |
| | Video Resolution | 720× 576(PAL), 720× 480(NTSC) |
| | Teletext | DVB-TXT ETSI/EN 300 472 |
| | Audio Decoding | MPEG/MusiCam Layer 1 & 11, MP3, AC3 |
| A/V & Data In/Out | Frequency Response | 20Hz ~ 20KHz, < +/-2dB60Hz ~ 18KHz < +/-0.5dB |
| | Sampling Rate | 23,44.1,48KHz |
| | TV Scart Output | CVBS, L, R Output with Volume Control |
| | RCA Output | S/PDIF, L, R Output(yellow, White, Red Jack) with Volume Control |
| | S/PDIFData Interface | RS-232, Bit Rate: 115200baud Connector : 9-Pin D-Sub Male type |

| | | |
|--------------------------|--------------------------|---|
| Power Supply | Input Voltage | AC 90~240, 50Hz~60Hz |
| | Power Consumption | Max. 20W |
| | Stand-by Power | <=5W |
| | Protection | Separate Internal Fuse The input shall have the lightning protection |
| Physical Specification | Size(WxHxD) | 220mmx40mmx135mm |
| | Weight | 0.5kg |
| | Operating Temperature | 0 ~ 40°C |
| Environmental Conditions | Storage Temperature | -30°C ~ 80°C |
| | Operating Humidity Range | 10~85% RH, Non-condensing |
| | Storage Humidity Range | 5~90% RH, Non-condensing |

DT560T Freeview Car-use DVB-T

MAIN FEATURES

Easy menu installation
 Digital Tuner with Loop-through out(or RF out)
 MPEG-2 Main Profile at Main Level(MP@ML)
 RS232C Port for Updating Control Software(PC to STB)
 Multi-language Function(Menu ,Audio)
 Single SCART Connectors
 OSD: 256 Palette Colors
 Games
 EPG(weekly) for Onscreen Channel Information
 Teletext function
 Front Panel Buttons & Full function IR Remote Controller User Interface
 Recall function
 LED real time clock display
 Disposes of Favorite Channel Lists
 Channel and Receiver Lock
 1000 Channel Memory
 NTSC/PAL identification and converting automatically and manually
 Screen format: 4:3, 16:9
 Frequency Range: 47MHz to 862MHz (VHF~UHF)
 Bandwidth: 8MHz (or 7MHz or 6MHz)
 Wave form: COFDM
 Aseismatic and easy mobile reception design, can receive several dozens digital TV programs during the high-speed moving.

SPECIFICATIONS

| | | |
|--------------------------------------|---------------------|---|
| | Type | IEC 169-2 Female |
| Tuner & Channel | Frequency Range | 47MHz to 862MHz (VHF~UHF) |
| | BandWidth | 8MHz or 7MHz or 6MHz |
| | Input Impedance | 75 ohm unbalanced |
| | Singal Level | -78 ~ -20dBmV |
| | Modulation | COFDM |
| | Constellation | QPSK, 16QAM, 64QAM |
| Modulation | Transmission mode | 2K , 8K |
| | Guard Interval | 1/4, 1/8, 1/16, 1/32 |
| | Code Rate | 1/2, 2/3, 3/4, 5/6, 7/8 |
| System & Memory | Main Processor | STi5518 |
| | Flash Memory | 2Mbytes |
| | SDRAM | 8Mbytes |
| | Channel Memory | Up to1000 channels |
| | Multi-Language Menu | English/Italian/Germany/Spainish/Chinese |
| | Front | 3 Keys, 4-Digit 7-Segment Display |
| | Remote Controller | 29 Keys, IR Remote Control |
| | Transport Stream | MPEG-2 ISO/IEC 13818 |
| | Profile Level | ISO/IEC 13818-2 MPEG-2 MP@ML |
| | Input Rate | Max.60Mbits/S |
| MPEG Transport Stream & A/V Decoding | Aspect Ratio | 4:3 , 16:9 |
| | Frame Rate | PAL: 25Hz; NTSC: 30Hz |
| | Video Resolution | 720× 576(PAL), 720× 480(NTSC) |
| | Teletext | DVB-TXT ETSI/EN 300 472 |
| | Audio Decoding | MPEG/MusiCam Layer 1 & 11, MP3, AC3 |
| | Frequency Response | 20Hz ~ 20KHz, < +/-2dB60Hz ~ 18KHz < +/-0.5dB |
| | Sampling Rate | 23,44.1,48KHz |
| A/V & Data In/Out | TV Scart Output | RGB, CVBS, L, R Output with Volume Control |
| | Data Interface | RS-232, Bit Rate: 115200baud Connector : 9-Pin D-Sub Male type |
| Power Supply | Input Voltage | DC+12V MAX 800mA |
| | Power Consumption | Max. 10W |

| | | |
|---------------|-----------------------|---|
| | Stand-by Power | <=5W |
| | Protection | Separate Internal Fuse The input shall have the lightning protection |
| Physical | Size(WxHxD) | 178X49X105mm |
| Specification | Weight | 0.7kg |
| | Operating Temperature | 0 ~ 40°C |
| | Storage Temperature | -30°C ~ 80°C |
| Environmental | Operating Humidity | 10~85% RH, Non-condensing |
| Conditions | Range | |
| | Storage Humidity | 5~90% RH, Non-condensing |
| | Range | |