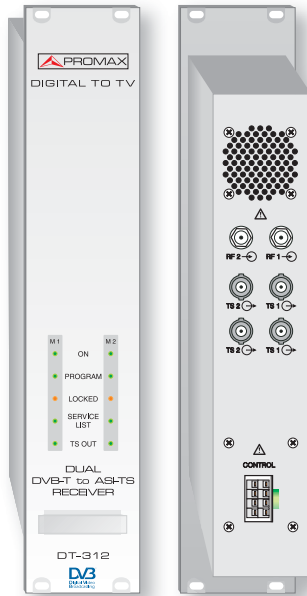


Dual/Single DVB-T Receiver with CAM and ASI output



DT-311: it can be tuned to receive a DVB-T multiplex. It allows the selection of all or a number of programmes and it that packs them through the *ASI - Transport Stream* output. The built-in CAM module allows the de-encryption of programmes.

DT-312: Is composed of two units **DT-311** and includes two DVB-T inputs and two *ASI - Transport Stream* outputs.

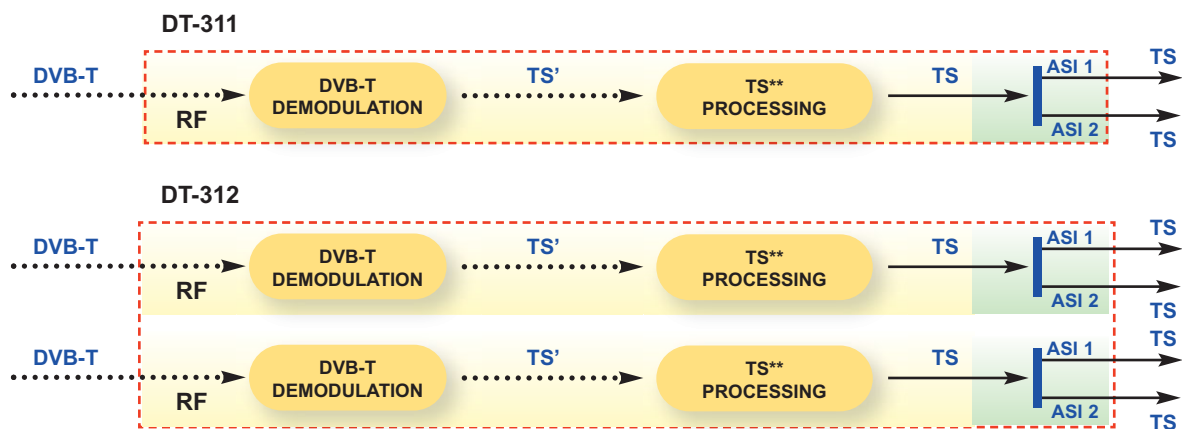
| Specifications | DT-311 / DT-312 |
|---|---|
| RF Input (DVB-T) Type Connector Frequency range Input Level Information | 1 (DT-311) or 2 (DT-312) independent DVB-T inputs 75 Ω F-Type, Female From 474 to 878 MHz. 45 – 100 dBμV MER of the signal |
| DVB-T Receiver Parameters Carriers Bandwidth Guard Interval Code Rate Constellation Spectral Inversion | 2 k, 8 k 7 MHz, 8 MHz 1/4, 1/8, 1/16, 1/32 Automatic (1/2, 2/3, 3/4, 5/6, 7/8) Automatic (QPSK, 16-QAM, 64-QAM) Automatic (ON, OFF) |
| Configuration | Through the DT-800 Control Module in local (keypad) or remote mode (PC). See DT-800 specifications |
| Transport Stream Processing Only available when connecting to a DT-1XX modulator | Selection of Services by Name or streams filtering by PID (PID Filtering with Filtering Table up to 32 PID) Automatic Regeneration of PAT and SDT tables Adaptation of NIT table: - Editable NID (Network Identifier) - Management for LCN (Logic Channel Number) for each module and each service |
| TS Output Type Connector Packets | 1 (DT-311) or 2 (DT-312) independent DVB-ASI double output/s* BNC female, 75 Ω TS Packets of 204 bytes lenght |
| Power supply Connector Voltage and highest consumption | Via the DT-800 Control and Power module. JST B08P-XL-HDS (Connecting Cable supplied with the DT-800 module) +12 V <0.55 A +5 V <1.4 A |

Dual/Single DVB-T Receiver with CAM and ASI output

| | |
|--|--|
| Operating environmental conditions Altitude Temperature range Max. Relative humidity | Up to 2000 m From 5 °C to 40 °C 80% (up to 31 °C), decreasing lineally up to 50% at 40°C |
| Mechanical features Dimensions Weight | 50 mm (W.) x 262 mm (H.) x 230 mm (D.) 1.53 kg |
| Included accessories 1x 0 CC024 1x 0 CC027 1x 0 MI1674 | BNC/BNC Cable 25 cm BNC/BNC Cable 50 cm User's Manual |
| Minimal configuration needed 1x DT-800 1x Mounting structure | Power and Control Module Rack and wall mounting structure (DT-900) or Rack mounting structure (DT-900B) |

* Double TS outputs deliver 2 copies of the same TS. Combining them with a **DT-1XX** modulator, allows distributing easily various services from a TS in 2 different output multiplexes, but only using one receiver.

Functional scheme



** Available functions to process TS depend on the chosen combination of "Digital To TV" modules. For more details, see modules specifications.

