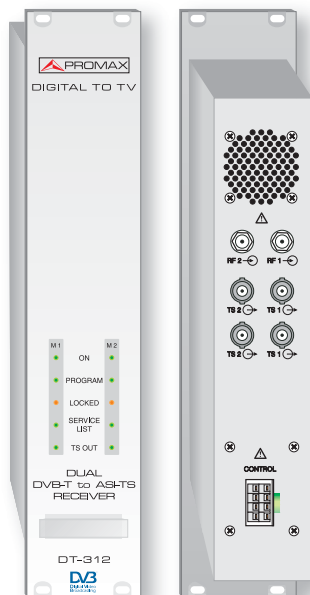


Dual/Single DVB-T Receiver with ASI output



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.

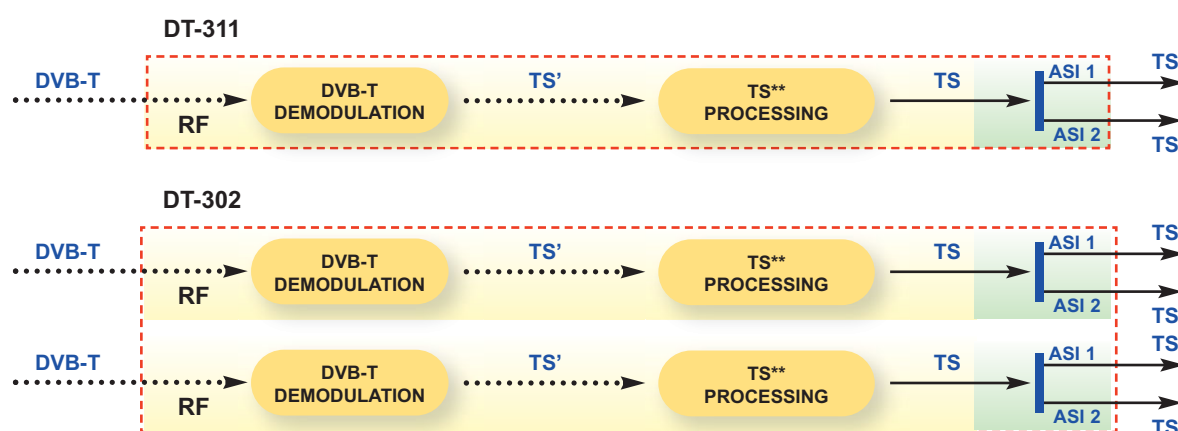
DT-312: Is composed of two units **DT-311** and includes two DVB-T inputs and two *ASI - Transport Stream* outputs.

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 170 to 870 MHz. 45 – 100 dB μ V. MER of the signal
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.
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 Transport Stream Processing Only available when connecting to a DT-1XX modulator	Through the DT-800 Control Module in local (keypad) or remote mode (PC). See DT-800 specifications. 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
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.

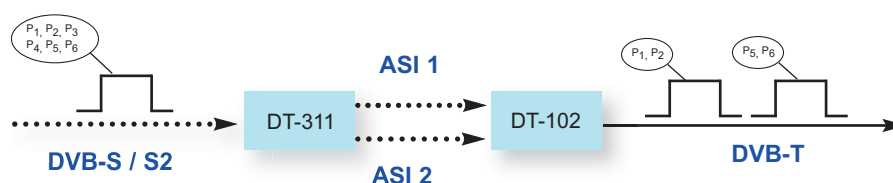
Dual/Single DVB-T Receiver with ASI output

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	W. 50 x H. 262 x D. 230 mm. 1,53 kg.
Included accessories 4 x 0 TO4377 4 x 0 AR1942 1 x 0 CC024 1 x 0 CC027 1	Screw M2.5x12. Flat Washer M2.5. BNC/BNC Cable 25 cm. BNC/BNC Cable 50 cm. User's Manual.
Minimal configuration needed 1 x DT-800 1 x DT-900	Power and Control Module Sub-rack framework to install in a rack or on a wall

FUNCTIONAL DIAGRAM



* 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.



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