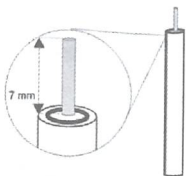
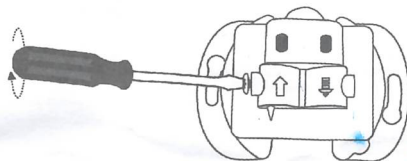


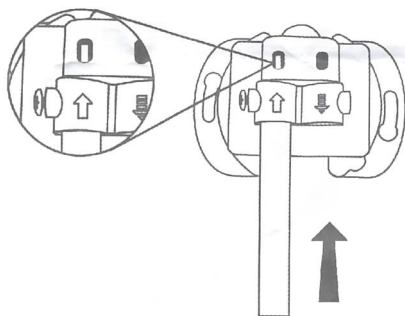
# ASSEMBLY INSTRUCTION



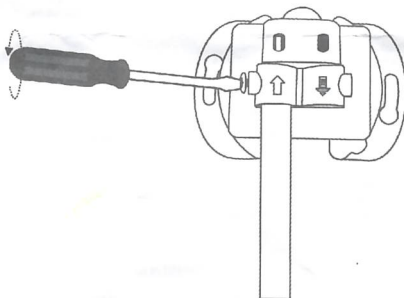
1. Prepare the end of the aerial cable to connect: remove insulation from the coaxial cable core, cutting the cable's outer insulation, shield, and inner insulation at the same level.



2. Unscrew the press screw in the aerial socket.



3. Insert the aerial cable into the input grip, observing the arrows on the socket housing. In through-type sockets, the dashed arrow means the drip for the output cable going to the next socket.



4. Tighten the press screw in the aerial socket.

5. Insert the socket into the  $\varnothing 60$  mm distribution box and fasten it with fastening grips or clamping screws, as per the box type.

6. Put the frame with the cover onto the body of the socket.

# AERIAL SOCKET

**THOROUGH-TYPE** type DAP10../..+23../..

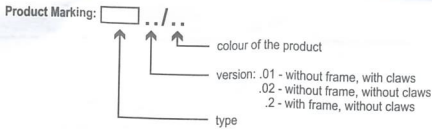
**ENDING-TYPE** type DAZ../..

**TERMINAL-TYPE** type DAK../..

**RTV-SAT TERMINAL-TYPE** type DASK../..

Quality Management System Certified  
**ISO 9001:2008**

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## Purpose

The Aerial Socket is an electronic device intended to be used in aerial installations of an individual or collective type or collective aerial television system (CATV), and serves to connect subscriber-type equipment, as TV set and/or video recorder, to the TV system.

## Description

The input of the Socket is adjusted to connect the coaxial cable of 75Ω impedance, delivering high frequency signals.

The subscriber-type output is made according to the IEC Standard, to enable connection of radio and/or TV set to the system.

Due to the adequate structure, signals of the following frequency ranges are delivered:

- TV output: 5 + 68MHz and/or 118 + 862MHz
- R output: 87.5 + 108MHz
- SAT output: 950 + 2400MHz.

Three types of sockets are available:

### 1. Thorough-type RTV Aerial Socket of six various values of the coupling attenuation:

- |                   |                   |
|-------------------|-------------------|
| DAP10../.. - 10dB | DAP18../.. - 18dB |
| DAP14../.. - 14dB | DAP20../.. - 20dB |
| DAP16../.. - 16dB | DAP23../.. - 23dB |

and the Ending-type Socket:

- DAZ10../.. - 10dB

The Thorough-type Sockets of the DAP10../..+23../.. types and the Ending-type Socket of the DAZ10../.. type are used in the collective installations of a put-through type, and/or in developed individual installations where sockets are connected in series.

The DAZ10../.. Socket is used to end a put-through installation (Drg.1) (no ending resistor is required).

As the signal source (the aerial) is more distant its level in the line is lower.

A stable level of the RTV output signal is obtained by selection of sockets of such coupling attenuation level that every next socket, being more distant, has respectively lower attenuation.

### 2. The Terminal-type RTV Aerial Socket of the DAK../.. type

The coupling attenuation for R and/or TV outputs: 1.0dB.

The Terminal-type Aerial Socket of the DAK../.. type is used in collective installations of a star connection structure (Drg. 2) and/or in single-socket individual installations where the amplifier is situated on the aerial, whilst its feeder is on the TV set, in front of the Aerial Socket (Drg.3).

A special structure of the Socket enables to supply the aerial amplifier installed on the aerial, through the aerial cable.

### 3. The Terminal-type RTV-SAT Aerial Socket of the DASK../.. type

The coupling attenuation for SAT/TV/R outputs: 1.0dB.

The TV satellite terminal-type Aerial Socket of the DASK../.. type is used in collective installations of a star connection structure and/or in single-socket individual installations where signals of the satellite TV and/or on-ground TV and/or radio, are transmitted to individual receivers through a single cable.

The DASK../.. Socket distributes the signals, directing them to respective outputs: SAT for the satellite tuner, TV for the TV set, R for the radio receiver. A special structure of the Socket enables passage of alternate/direct current between the SAT output and the Socket input to supply the converter of the satellite aerial (Drg.4).

