

## XDM-16

The HF selector XDM-16 is a compact device for switching HF signals in the range of 0÷18GHz. The device combines in each of the sixteen channels two signals from receiving antennas of the HF/VHF bands and microwave bands, delivering them to the input of the connected broadband receiver.



The HF selector is designed to broadband listening services, monitor of the frequency spectrum, reconnaissance and radio-electronic warfare.

In order to ensure continuity of impedance and constant load of distribution amplifiers, all not used outputs are terminated with broadband loads of 50 Ohm.

The HF selector is supervised by a locally and remotely controlled microprocessor system, equipped with modules for controlling the work of DP-DT coaxial switching relays.

The selector in its basic operating mode is remotely controlled (external control) via a computer network (LAN), using the TCP protocol, by a master unit (e.g. a reconnaissance system controller).

In the back-up mode, it is possible to manually control, with the use of a touch panel, displaying the status of inputs and outputs. The XDM-16 touchscreen presents the status of the switched lines continuously.

Company website



KenBIT Sp. z o. o.

15/22 Żytnia Street

01-014 Warsaw

Tel: (22) 862 43 80

Fax: (22) 862 43 81

E-mail: [kenbit@kenbit.pl](mailto:kenbit@kenbit.pl)

Web: [www.kenbit.pl](http://www.kenbit.pl)

## FUNCTIONS

SELFTEST

LAST STATE MEMORY

MEMORY PRESET

DIAGNOSTIC CONSOLE

COUNTERS OF THE SELECTOR USAGE

## REMOTE CONTROL

ETHERNET TCP IPV4

OPTION RS422 OR RS485 (NMEA1983)

## LOCAL CONTROL

LCD TOUCHSCREEN 7" (OSD)

6 FUNCTION KEYS

## DIMENSIONS

Housing compatible with the Rack 19", height 3U

Width 483 mm

Height 133 mm

Depth 345/310 mm  
(with/without handles)

## CHARACTERISTICS

Weight 8,5 kg

Primary power supply 100-240 VAC, 50Hz

Power consumption 50W



Product website



KenBIT - Headquarters  
15/22 Żytnia Street  
01-014 Warsaw



KenBIT - Gdynia Branch  
210 Chylońska Street  
81-007 Gdynia