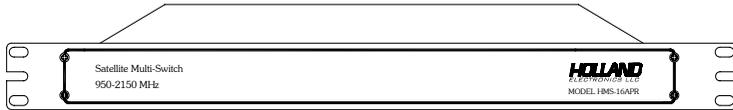


# HMS-16APR

## SATELLITE MULTI-SWITCH



The HMS-16APR is a 14V/18V satellite multi-switch used in all applications that require satellite I.F. distribution from 950-2150 MHz . It will allow the user to take two LNB outputs and provide inputs to a maximum of sixteen receivers. The HMS-16APR routes any of the inputs to any of the outputs by utilizing the 14V/18V switching control from the satellite receivers. The HMS-16APR provides an excellent way to simplify any SMATV installation.

- **Provides LNBV and LNBH switching for 16 receivers**
- **Power adapter supplies power to LNB's**
- **Input selected by 14V/18V from satellite receiver employing right and left hand circular polarization**
- **Ideal for smaller systems**

## **HOLLAND ELECTRONICS LLC LIMITED WARRANTY**

Holland Electronics LLC, warrants that the product enclosed with this Limited Warranty statement will conform to the manufacturer's specifications and be free of defects in the workmanship and material for a period of two years(2) from the date of original purchase.

### **WARRANTY PROCEDURE:**

If the product appears to be defective contact Holland Electronics LLC. at (805) 339-9060. We will analyze the problem and offer solutions to prevent removing the unit from service. If the unit is to be returned for evaluation, you will be issued a Return Material Authorization (RMA) number.

Holland Electronics LLC will, at its option , repair or replace the defective unit . under warranty , without charge for parts or labor. This repair will be subject to charges if signs of tampering or misuse are detected .Incoming shipping costs will be the customers responsibility . Returns will not be accepted without an RMA number .

The warranty and remedy provided above are exclusive and in lieu of all other express warranties and unless stated herein , any statements or representations made by any other person or firm are void. The duration of any implied warranties of merchantability or fitness for a particular purpose on this product shall be limited to the duration of the express warranty set fourth above. Except as provided in this written warranty, Holland Electronics LLC shall not be liable for any loss, inconvenience or damage, including direct, special , incidental, or consequential damages, resulting from the use or inability to use this product, whether resulting from breach of warranty or any other legal theory.

Some states do not allow limitations on how long an implied warranty lasts and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**To arrange for Warranty Service: Call Holland Electronics LLC. (805)339-9060**

# HMS-16APR

**LNB Output Frequency:** 950-2150 MHz

**Insertion Loss:**

950 – 1750 MHz	-8 dB typical
1750 – 2050 MHz	-13 dB typical
2050 – 2150 MHz	-16 dB typical

**Isolation:**

LNBV to LNBH	-35 dB typical
Output to Output	-12 dB typical

**Switching Voltage:**

13/14 Vdc	LNBV
17/18 Vdc	LNBH

**Power - Wall Adaptor:** 117 Vac, 60Hz

**Connectors:** “F”type

**Dimensions:** 19”Lx2. 87”Dx1.75”H

## **INSTALLATION INSTRUCTIONS:**

1. Connect the LNBV output and the LNBH output to the LNBV(13/14V) and LNBH(17/18V) inputs respectively of the HMS-16APR
2. Connect each of the output ports on the front of the unit to the SATELLITE INPUT of the receiver.
3. Plug the wall adaptor 3.5mm plug into the jack located in the back of the unit. Plug the adaptor into a 120Vac, 60Hz wall receptacle.
4. Each of the satellite receivers can select programs in either right or left hand circular polarities . To select a right hand circular polarity, a 13/14 DC voltage is used and to select a left hand circular polarity, a 17/18 DC voltage is used.

## **IMPORTANT!!**

**WARNING:** Holland Electronics LLC does NOT represent this product to be WATERPROOFED. To reduce risk of electrical shock, fire hazard, or damage to the unit, do not expose to rain or moisture.

**CAUTION:** To prevent electric shock, do not use this plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

**NOTE TO INSTALLER:** This reminder calls the system Installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

**WARNING:  
TO PREVENT FIRE OR ELECTRICAL SHOCK, DO  
NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE**