

# SATELLITE MULTISWITCHES

■ MODELS HMS-4A : HMS-8A : SAM-3402 : HMS-54\* : HMS-58\*

Holland Electronic's multiswitches are designed for the independent operation of four to eight satellite receivers. In addition they provide terrestrial VHF/UHF signal diplexing when required. Compact size of the **SAM-3402** allows placement where larger switches won't fit.

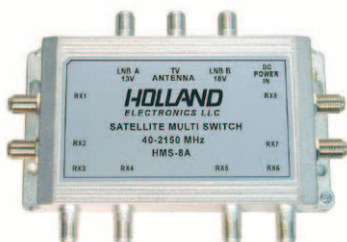


MODEL HMS-4A

- High Isolation
- Non-Amplified Terrestrial Input
- Receiver Line Powered



MODEL SAM-3402



MODEL HMS-8A

- Amplified Terrestrial and Satellite Inputs

\* Please see reverse side for specifications.

## MULTI SATELLITE MULTISWITCHES (HDTV)

The professional series multi satellite multiswitches have been specifically designed for both high-end home installations and MDU's requiring high performance and reliability. These switches are ideal for use in multi satellite dish installs. CATV/Off-Air input ports are standard on all **HMS** series multiswitches. The **HMS-58C** provides 22 kHz tone switching allowing switches to be cascaded.



MODEL HMS-54B



MODEL HMS-58B, C

\* The **HMS-58C** model includes transformer to power switch and LNB.

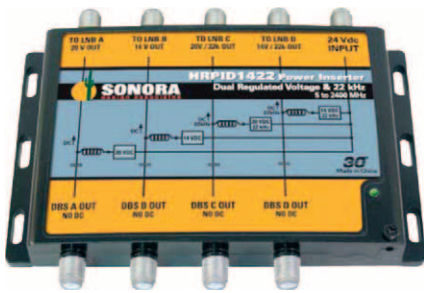
**NOTE:** Please See Page 73 for our rackmounted multiswitches (MODELS HMS-16APR & HMS-412ARK)

# SATELLITE MULTISWITCHES

## SPECIFICATIONS

MODEL	INPUTS		OUTPUTS	GAIN/LOSS		22 kHz TONE	POWER
	SATELLITE	TERRESTRIAL		SATELLITE	TERRESTRIAL		
HMS-4A	2	1	4	-2	-10	NO	SAT. LINE ONLY
HMS-8A	2	1	8	-4	-3	NO	SAT. LINE OR PS**
SAM-3402	2	1	4	-	-	NO	SAT. LINE ONLY
HMS-54B	4	1	4	0	-3	PASSES	SAT. LINE ONLY
HMS-58B	4	1	8	0	-3	PASSES	SAT. LINE ONLY
HMS-58C	4	1	8	0	-3	YES	PS INCLUDED

\*\* The HMS-8A may use optional HMS-PS.



MODEL HR PID1422

### POLARITY LOCKER

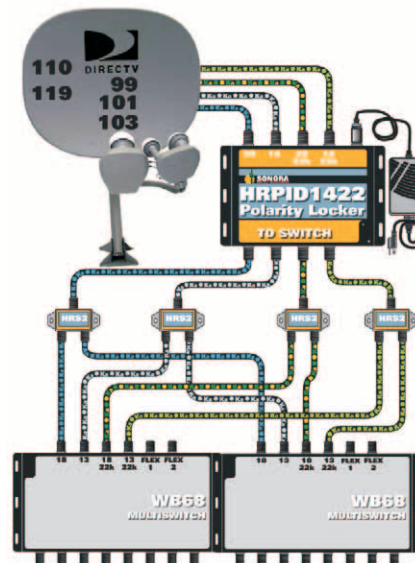
Designed to power a DirecTV™ AT9 dish. Locks the four LNB outputs for splitting to multiswitches. Also increases DC line voltage for longer cable runs. Ideal for use on MDU trunk lines.

POLARITY LOCKER	TYP.	MIN.
Insertion Loss	.5 dB	1 dB
Return Loss	12 dB	10 dB
Input Transformer	24 VDC, 1 A	
Inputs / Outputs	950 - 2400 MHz	

### TYPICAL APPLICATION

#### COLOR CODE

- Ka●Ka 13v.....101° ODD RHCP, 99° Ka Lo, 99° Ka Hi
- Ka●Ka 18v.....101° Even LHCP, 99° Ka Lo, 99° Ka Hi
- Ka●Ka● 13v 22kHz..119° Odd RHCP, 103° Ka Lo, 103° Ka Hi
- Ka●Ka● 18v 22kHz..110°/119° Odd LHCP, 103° Ka Lo, 103° Ka Hi



To DirecTV™ Receivers

NOTE: All specifications typical unless otherwise noted