



Digital Products Company

# AIRWAVE MODULE SUMMARY CHART

Please visit [www.dpcav.com](http://www.dpcav.com) for Airwave RF module data sheets.

TX MODEL	TYPE	RF BAND	RF CHANNELS	RF OUTPUT	AUDIO	VOLTAGE	CURRENT	SIZE (mm)	PCB STYLE
AWM661TX	TX	5.8GHz	7	25mW	STEREO	5VDC	120mA	28 x 21 x 7	Thru-Hole
AWM663TX	TX	5.8GHz	7	100mW	STEREO	5VDC	320mA	38 x 23 x 14	Thru-Hole
AWM667TX	TX	5.8GHz	7	500mW	STEREO	5VDC	650mA	38 x 23 x 14	Thru-Hole
AWM680TX	TX	5.8GHz	7	15mW	STEREO	5VDC	90mA	37 x 31 x 5	Thru-Hole
AWM681TX	TX	5.8GHz	7	100mW	STEREO	5VDC	250mA	37 x 31 x 5	Thru-Hole
AWM683STX	TX	5.8GHz	7	100mW	STEREO	5VDC	250mA	37 x 31 x 5	Thru-Hole
AWM687TX	TX	5.8GHz	7	25mW	STEREO	5VDC	130mA	37 x 31 x 5	Thru-Hole
AWM611TX	TX	2.4GHz	4	100mW	MONO	5VDC	120mA	44 x 27 x 7	Thru-Hole
AWM630TX	TX	2.4GHz	4	10mW	STEREO	5VDC	55mA	31 x 29 x 4	SMD
AWM631TX	TX	2.4GHz	4	40mW	STEREO	5VDC	180mA	31 x 29 x 4	SMD
AWM633TX	TX	2.4GHz	4	500mW	STEREO	3.3VDC	600mA	31 x 29 x 4	SMD
AWM651TX	TX	2.4GHz	4	10mW	STEREO	5VDC	60mA	24 x 21 x 6	Thru-Hole
AWM657TX	TX	2.4GHz	4	500mW	STEREO	5VDC	450mA	24 x 21 x 6	Thru-Hole

RX MODEL	TYPE	RF BAND	RF CHANNELS	RSSI	AUDIO	VOLTAGE	CURRENT	SIZE (mm)	PCB STYLE
AWM660RX	RX	5.8GHz	7	NO	STEREO	5VDC	210mA	35 x 25 x 5	Thru-Hole
AWM662FRX	RX	5.8GHz	7	YES	STEREO	5VDC	210mA	35 x 25 x 5	Thru-Hole
AWM680RX	RX	5.8GHz	7	YES	STEREO	5VDC	210mA	51 x 31 x 9	Thru-Hole
AWM682GRX	RX	5.8GHz	7	YES	STEREO	5VDC	210mA	51 x 31 x 9	Thru-Hole
AWM608RX	RX	2.4GHz	4	YES	STEREO	5VDC	200mA	58 x 48 x 15	Thru-Hole
AWM625RX	RX	2.4GHz	4	YES	STEREO	5VDC	180mA	53 x 33 x 8	Thru-Hole
AWM634RX	RX	2.4GHz	4	NO	STEREO	5VDC	180mA	41 x 31 x 4	Thru-Hole
AWM634RX-RSSI	RX	2.4GHz	4	YES	STEREO	5VDC	180mA	41 x 31 x 4	Thru-Hole
AWM650GRX	RX	2.4GHz	4	NO	STEREO	5VDC	180mA	39 x 29 x 5	SMD

## FREQUENCY AVAILABILITY CHART

RF BAND	CH1	CH2	CH3	CH4	CH5	CH6	CH7
2.4GHz	2.414GHz	2.432GHz	2.450GHz	*2.468GHz	N/A	N/A	N/A
5.8GHz	5.74GHz	5.76GHz	5.78GHz	5.80GHz	5.82GHz	5.84GHz	5.86GHz

### NOTES:

1. Airwave modules are NOT ready to use and require assembly. Knowledge of RF design and RF assembly techniques is required.
2. Audio channels are conditioned for 1V line levels and have sufficient bandwidth to support medium baud rate data protocols such as FSK or NRZ.
3. Video levels are approximately 1Vpk-pk. External level adjustment may be required in some applications.
4. The RF pin must use impedance controlled connections to avoid RF losses.
5. \*2.468GHz must not be configured for use in USA amateur radio applications. Please consult your ham license privileges.
6. Specifications subject to change; Not responsible for errors.