

SINGLE BAND MOBILE TRANSCEIVERS

Manufacturer	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	KENWOOD	MFJ	MFJ	MFJ	MFJ	MFJ	YAESU	YAESU
Model	DR-M06TH	DR-135TMKII, TPKMKII	DR-235T	DR-435TMKII	IC-2200H	IC-18000	ID-1	TM-271A	8621	8621X2	9402X	9406X	FT-2800M	FT-1802M				
TX Range (MHz)	50-54	144-148	222-224.995	430-449.995	144-148	144-148	1240-1300	144-148	145.01	144.39	144-144.3	50-50.3	144-148	144-148				
RX Range (MHz)	40-60 ⁽¹⁾	118-174	216-279.995	350-511.995	118-174	136-174	1240-1300	136-174	145.01	144.39	144-144.3	50-50.3	137-174	136-174				
Aircraft RX	N/A	Yes	No	No	Yes	No	No	No	No	No	No	No	No	No				
Power Output	20/1W	50/10/5W	25/10/5W	35/10/5W	65/25/10W	75/25/10/5W	10/1W	60/25W	5W	5W	7W SSB	10W SSB	65/25/10/5W	50/25/10/5W				
TP Microphone	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes				
Tone Encode	Yes	Yes	Yes	Yes	Yes	Yes/DCS	Yes	Yes	No	No	No	No	Yes	Yes				
Tone Decode	EJ-20U	Yes	Yes	Yes	Yes	Yes/DCS	Yes/DCS	Yes/DCS	No	No	No	No	Yes/DCS	Yes/DCS				
Memories	100	100	100	100	207	207	100	200	0	0	0	0	221	221				
Alphanumeric	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes				
PC Programmable	N/A	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No				
13.8V DC@	5A	11A	8A	10A	15A	15A	7A	13A	>1A	>1A	2A	3A	10A	10A				
Antenna Conn	SO-239	SO-239	SO-239	SO-239	SO-239	SO-239	N	SO-239	SO-239	SO-239	SO-239	SO-239	SO-239	SO-239				
Size (h/w/d, in.)	1.6/5.5/4.5	1.6/5.6/6.9	1.6/5.6/6.9	1.6/5.6/6.9	1.6/5.5/7.1	2.0/5.9/6.9	6/2/2	1.7/6.3/5.4	1.5/5/5	1.5/5/5	2.5/6.5/6	2.9/6.5/6	2/6.3/7.3	1.6/5.6/5.8				
Weight (lbs.)	1.5	2.3	2.3	2.3	2.75	2.22	2.6	2.6	0.8	0.8	2	2	2	2.6				

- (1) Requires keyboard modification
- (2) There are gaps in non-voice or data portions in certain bands
- (3) 2 Piece configuration only
- (4) Control head separate from body
- (5) All models are Cellular Blocked
- (6) AM aircraft receive mode
- (7) Does not include projections (knobs, antenna jacks, etc.)
- (8) Manufacturer only guarantees specs within the ham bands
- (9) FT-8900R includes 10M/6M as well

All radios are cellular blocked

Links to Manufacturer's Websites at aesham.com

MULTI BAND MOBILE TRANSCEIVERS

Manufacturer	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	ALINCO	KENWOOD	KENWOOD	KENWOOD	KENWOOD	KENWOOD	YAESU	YAESU
Model	DR-605TQ	DR-620T	DR-635T	ID-800	IC-208H	IC-2720H	IC-208H	IC-2720H	IC-2720H	IC-2720H	TM-6707A	TM-V708A ⁽¹⁾	TM-V708A	TM-V708A	TM-V708A	FT-8800R	FT-8900R
TX Range ⁽⁶⁾	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 430-450	144-148 438-450	144-148 438-450	144-148 438-450	144-148 438-450	144-148 430-450	28-29.7, 50-54 144-148 430-450	28-29.7, 50-54 144-148 430-450
RX Range (MHz) ⁽⁶⁾	136-174 420-470	87.5-108 (WFM) 108-174 335-480	108-174 ⁽⁶⁾ 335-480 87.5-108	118-173 230-549 810-999	118-174 ⁽⁶⁾ 230-550 810-999	118-550 (left) 118-174, 375-550 810-999 (right)	118-550 (left) 118-174, 375-550 810-999 (right)	118-174 ⁽⁶⁾ 230-550 810-999	118-174 136-175, 300-524 410-524 ⁽⁸⁾	118-174 136-175, 300-524 800-1300 (B band) ⁽⁷⁾	118-174 136-175, 300-524 800-1300 (B band) ⁽⁷⁾	118-174 136-175, 300-524 800-1300 (B band) ⁽⁷⁾	118-174 136-175, 300-524 800-1300 (B band) ⁽⁷⁾	118-174 136-175, 300-524 800-1300 (B band) ⁽⁷⁾	108-520 700-999	108-520 700-999	28-29.7, 50-54 108-180 320-480, 700-985
Single or Dual RX	Dual	Dual	Dual	Single	Single	Dual	Single	Dual	Dual	Single	Single	Dual	Dual	Dual	Dual	Dual	Dual
Power (2W) ⁽⁸⁾	50/5W	50/35/10/5W	50/25/5	55/15/5	55/15/5W	50/20/5W	50/10/5W	50/10/5W	50/10/5W	50/10/5W	50/10/5W	50/20/10/5W	50/20/10/5W	50/20/10/5W	50/20/10/5W	50W ⁽⁸⁾	50W ⁽⁸⁾
Power (440MHz)	35/5W	35/10/5W	35/20/5	50/15/5	50/15/5W	35/20/5W	35/10/5W	35/10/5W	35/10/5W	35/10/5W	35/10/5W	35/10/5W	35/20/10/5W	35W	35W	35W	35W
Memories	100	200	200	500	500	212	200	200	200	200	180	200	200	1000+	1000+	800	800
Tone Encode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tone Decode	Yes	DCS	Yes	Yes/DTCS	Yes	DCS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DCS	DCS	DCS
Duplexer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cross-Band Rpt.	Yes	No	Yes	No	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes
Alphanumeric	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC Programmable	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
9600b Compatible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Separable	No	Yes	Yes	Yes	Yes	Yes ⁽⁹⁾	Yes	Yes	Yes ⁽⁹⁾	Yes	Yes	Yes ⁽⁹⁾	Yes	Yes	Yes	Yes	Yes
Height (in.) (Head)	1.6	5.51	5.5	Yes	1.6	1.6 (2)	1.6 (2.4)	1.6	1.6	1.6	1.6	1.6 (2.4)	1.6	1.6	1.6	1.6	1.6
Width (in.)	5.5	1.57	1.6	9.5	5.6	5.5 (5.5)	5.5 (5.5)	5.5	5.5	5.5	5.5	5.5 (5.5)	5.5	5.5	5.5	5.5	5.5
Depth (in.) ⁽⁷⁾	6.9	7.28	7.3	1.5	7.3	7.4 (1.1)	7.4 (1.3)	7.4	7.4	7.4	7.4	7.7 (1.3)	7.6	6.6	6.6	6.6	6.6
Weight (lbs)	2.4	2.2	2.2	7.31	2.7	3 (5.3)	2.6 (4)	2.7	2.6 (0.4)	2.6 (0.4)	2.7	2.6 (0.4)	2.2	2.2	2.2	2.2	2.2