



RADIO/FEATURES	IC-7300	IC-7600	IC-7610	IC-7700	IC-7850/7851	
Production	Current	Discontinued	Current	Current	Limited Edition <small>(50th Anniversary)</small>	Current
Bands	HF/6	HF/6m	HF/6	HF/6m	HF/6m	
RF Output	100W	100W	100W	200W	200W	
Display Size	4.3 Inch	5.8 Inch	7 Inch	7 Inch	7 Inch	
Backlight Type	LED	LED (White)	LED	CFL	LED	
Power Supply	External 13.8VDC +/- 15% 23A Min	External 13.8VDC +/- 15% 23A Min	External 13.8VDC +/- 15% 23A Min.	Internal 85-265VAC	Internal 85-265VAC	
Max Scope Span	1 MHz Max	+/- 250kHz	1 MHz Max	+/- 250kHz	500kHz	
Scope Mode	Fixed/Center	Fixed/Center	Fixed/Center	Fixed/Center	Fixed/Center	
Waterfall Display	Yes	Yes (Firmware 2.0)	Yes	Yes (Firmware 2.0)	Yes	
Dual Scope (Main/Sub)	N/A	N/A	Yes	N/A	Yes	
Scope Speed	30 Samples/Sec.	N/A	30 Samples/Sec.	4 Samples/Sec	29.3 Samples/Sec	
Dual Watch	N/A	Yes	Dual Receivers	N/A	Dual Receivers	
RMDR	97 dB (1 kHz separation)	Not Specified	110 dB (2 kHz separation)	Not Specified	116dB (2kHz Separation)	
Digital Preselector	Yes (Variable)	No	Yes (Variable)	Yes (Variable)	Yes (Variable)	
1st IF Roofing Filter (HF/6m)	N/A	3 (15/6/3kHz)	N/A	3 (15/6/3kHz)	4 (15/6/3/1.2kHz)	
IF Stages	1 (36 kHz)	2	1 (12 kHz)	2	2	
IF Output	ACC/USB	N/A	ACC/USB	N/A	Yes (ACC - A)	
Image Rejection Mixer	Yes	Yes	Yes	Yes	Yes	
Digital Audio I/O	USB	USB	USB/Ethernet	Ethernet, SP/DIF	USB, Ethernet, SP/DIF	
USB Interface	PC Interface	Keyboard, Memory, Mouse	PC Interface, Keyboard, Memory, Mouse, RC-28 ¹	Keyboard, Memory, Mouse	Keyboard, Memory, Mouse	
Send Relay Type	Lead/MOS-FET	Lead/MOS-FET	Lead/MOS-FET	Lead/MOS-FET	Lead/MOS-FET	
RX Ant In/Out	N/A	Internal Relay	Internal Relay	Internal Relay	Internal Relay	
Additional Final PA Info. Displayed	Voltage/Current Drain/Temp	Voltage/Current Drain/Temp.	Voltage/Current Drain/Temp.	Voltage/Current Drain/Temp.	Voltage/Current Drain/Temp.	
Voice Synthesizer	Yes (Frequency/Mode/S-Meter)	Yes (Frequency/Mode/S-Meter)	Yes (Frequency/Mode/S-Meter)	Yes (Frequency/Mode/S-Meter)	Yes (Frequency/Mode/S-Meter)	
External Display	N/A	N/A	Yes (DVI-I)	Yes (VGA)	Yes (DVI-I)	
Memory Card	SD Card	USB Drive	SD Card	USB Drive	SD Card	
Scope Functions	Fixed/Center	Fixed/Center	Fixed/Center/Dual Scope	Fixed/Center	Fixed/Center/Dual Scope	
Digital Modes	RTTY	PSK31/RTTY	PSK31/RTTY	PSK31/RTTY	PSK31/PSK63/RTTY	
Digital Mode Log	Yes (SD Card Storage)	N/A	Yes (SD Card Storage)	N/A	Yes (SD Card Storage)	
Audio Scope	Yes	No	Yes	No	Yes (Firmware 1.01)	
Scope Band Edges (Fixed)	3 (User Adjustable)	N/A	3 (User Adjustable)	1 (User Adjustable)	3 (User Adjustable)	
Remote Base Server	N/A	N/A	Internal	Internal (Firmware 2.0)	Internal	
Number of Antenna Ports	1	2	2	4	4	
RX Antenna Ports	N/A	1 RX Port	1 RX Port	1 RX Port	2 RX Ports	

¹ RC-28 used for sub VFO tuning

** RS-BA1 Version 1.50 or later is required

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