

IC-A6E

COM channels for Europe

IC-A24E

NAV & COM channels for Europe

Easy-to-use Airband Handheld with 25kHz/8.33kHz Dual Channel spacing

Simple one-handed operation is the most essential feature of the IC-A6E/A24E series. The well-labelled, large keypad provides user-friendly operation. The large display shows both letters and numbers and is easy to see, making for fast frequency recognition. The display is backlit, and so is the keypad. The light stays on until you turn it off... a very handy feature for use at night.

More versatile 25kHz/8.33kHz dual channel spacing

In addition to the widely used 25kHz channel spacing, the IC-A6E and A24E are also compatible with 8.33kHz channel spacing. With this dual compatibility there is a large increase in the number of channels available to the user.



VOR navigation*

The IC-A24E has VOR navigation functions. The DVOR mode shows the radial to or from a VOR station and the CDI mode shows the course deviation to/from a VOR station. You can also input your intended radial to/from the VOR station and show the course deviation on the display. (* IC-A24E only)

External DC power jack

An external DC power jack allows for operation with the cigarette lighter cable, CP-20. When the battery pack is installed, simultaneous charging during operation is also possible. In addition, an optional battery case, BP-208N, is available.

'Flip-flop' channel recall

The IC-A6E/A24E series stores the last 10 channels used. You can easily recall those channels by pushing the 'flip-flop' recall buttons on the front panel. It is convenient for switching between several channels, such as NAV and COM channels.

and more...

- 200 memory channels (20 Ch x 10 banks) with 6 character names
- IPX4 water-resistant construction
- Dedicated 121.5MHz emergency key
- Side tone function allows you to hear your own voice via an external aviation headset.
- Tag scanning and memory bank scanning
- ANL (Auto Noise Limiter) for noise reduction
- Low-battery alert



IC-A6E

IC-A24E



SPECIFICATIONS

GENERAL

Frequency range	
IC-A6E Tx/RX (COM):	118.000~136.9917MHz
IC-A24E Tx (COM):	118.000~136.9917MHz
Rx (COM, NAV):	108.000~136.9917MHz
No. of memory channels:	200 (20 Ch. x 10 banks)
Channel spacing:	8.33/25kHz
Type of emission:	6K00A3E (25kHz) 5K60A3E (8.33kHz)
Power supply requirement:	11.0 V.DC
(Battery pack),	(External DC Jack)
Current drain (approx.)	
Tx High:	1.8A (1.5A typ. for 25kHz version)
Rx Max:	audio/stand-by 500mA*/70mA typ.
Antenna impedance:	50Ω nominal (BNC type)
Operating temperature range:	-20°C to +55°C
Dimensions (WxHxD)	54x129.3x35.5 mm;
(Projections not included):	2.13x5.09 x1.4"
Weight (approx.):	430g; 15.2oz
(With BP-210N and antenna)	

Measurements made in accordance with EN 300-676 for European versions. All specifications are subject to change without notice or obligation.

TRANSMITTER

Output power (PEP/CW):	5.0/1.5W* (at 7.2V DC)
Audio harmonic distortion:	Less than 10%
Hum and noise ratio:	More than 35dB
Harmonic spurious emissions:	Less than -36dBm (Except operating freq. ±1MHz point)
Frequency stability:	±1ppm (±5ppm for 25kHz version)
Ext. mic. connector:	3-conductor 2.5 (d) mm (1/10")/more than 100kΩ

RECEIVER

Intermediate frequency:	46.35MHz*/450kHz (1st/2nd)
Sensitivity (Showing 8.33/25kHz version)	
NAV:	Less than 0dBμ (6dB S/N)
COM:	Less than 0dBμ (12dB SINAD)
Squelch sensitivity (at threshold):	Less than 0dBμ
Selectivity 6dB:	More than 2.778kHz/7.5kHz (8.33/25kHz)
60dB:	Less than 7.37kHz/25kHz (8.33/25kHz)
Spurious response:	More than 70dB
Hum and noise:	More than 40dB
Audio output power:	470mW* typ. (8Ω load)
Ext. speaker connector:	3-conductor 3.5 (d) mm (1/8")/8Ω

Applicable U.S. Military Specifications

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	500.1	I	500.2	I, II	500.3	I, II	500.4	I, II
High Temp.	501.1	I	501.2	I, II	501.3	I, II	501.4	I, II
Low Temp.	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II
Temp. Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Rain Drip	506.1	II	506.2	II	506.3	II	506.4	III
Humidity	507.1	I, II	507.2	II, III	507.3	II, III	507.4	-
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	-
Dust Blowing	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII, X	514.3	I	514.4	I	514.5	I
Shock	516.2	I, II, V	516.3	I, IV	516.4	I, IV	516.5	I, IV

Supplied accessories: (* depending on version)
 • Battery pack, BP-210N or battery case, BP-208N*
 • Belt clip, MB-103 • Carrying case, LC-159*
 • Wall charger, BC-110AR/DR* • Headset adaptor, OPC-499*
 • Antenna, FA-B02AR • Handstrap

OPTIONS

* Some options may not be available in some countries. Please ask your dealer for details.

BATTERY CASE AND PACKS

- BP-208N Battery Case (6 ½ AA (LR6) alkaline cells.)
- BP-210N Battery Pack (Ni-MH: 7.2V/1650mAh)

CHARGERS AND POWER SUPPLY CABLES

• BC-110AR/DR Wall Charger
 Used for regular charging of the connected battery pack. Same as supplied depending on version.

- BC-119N Desktop Charger
 + BC-145 AC adaptor
 + AD-101 Charger adaptor
 For rapid charging of battery pack, BP-209N, BP-210N or BP-211N. The BC-145 is supplied with the charger depending on version. Charging time: 1.5 to 2 hours.

- BC-121N Multi-Charger
 + BC-157 AC adaptor
 + AD-101 Charger adaptor (6 pieces)
 For rapid charging of up to 6 batteries simultaneously.

Six AD-101s are required. Charging time: 1~1.5 hrs.

- BC-144N Desktop Charger
 + BC-145 AC adaptor

For rapid charging of battery pack, BP-209N or BP-210N. The BC-145 is supplied with the charger depending on version. Charging time: 1.5~2 hours.

- CP-20 Cigarette Lighter Cable with DC-DC Converter
 For operation and charging with a 12V/24V cigarette lighter socket.

- OPC-656 DC Power Cable
 For using the BC-121N with a DC power supply. (12~20 V DC required).

BELT CLIPS AND LEATHER BELT HANGERS

- MB-103 Belt Clip: Alligator type.
 Same as supplied.
- MB-86 Swivel Belt Clip
 A easy way to remove the radio from your belt.

- MB-96N Swivel Leather Belt Hanger

- MB-96F Leather Belt Hanger
 Fixed-type leather belt hanger. Use with MB-103.

OTHERS

- HM-173 Speaker Microphone
 Provides convenient lightweight operation while setting transceiver in the cockpit or hanging from your belt, etc.
- LC-159 Carrying Case
- OPC-499 Headset Adaptor Cable
 Works with most aviation headsets. Provides side tone function. Same as supplied with some versions.
- FA-B02AR Antenna: Same as supplied.

BATTERY PACK & CASE



RAPID CHARGERS



SPEAKER MIC



HEADSET ADAPTOR CABLE



LEATHER BELT HANGER



BELT CLIP



CARRYING CASE



NOTICE FOR USE for IC-A6E and IC-A24E VHF AIRBAND TRANSCEIVERS

These versions of the IC-A6E and IC-A24E comply with requirements of the European Radio and Telecommunication Terminal Directive 1999/5/EC and are RTTE and CE approved. At present, full approval for air use is not attainable for these products or any other product at this level in the market place. Therefore, the IC-A6E and IC-A24E are both intended for use in Europe for ground use only*. Under the Wireless and Telegraphy Act of 2006 these radios can be used for emergency communication and navigation (VOR) should your life be at risk. *Unless an aviation body in an EU member state gives dispensation for it to be used in the air.



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Count on us!