

ALINCO

Quality. Style. Performance!

VHF MOBILE / BASE TRANSCEIVER

DR-B185^{HT}_{HE}



**85w
Max!**



Easy to operate, clean design, packed with features, superb audio and high powered!

The DR-B185 in its compact package is loaded with high technology features: high stability PLL synthesizer, newly designed power circuit that puts out 85W max, 7-digit alphanumeric display, a wide variety of scanning features, just to name a few. Yet the operation is intuitive and simple with user-friendly configuration. Using a high-tech, high-powered radio is this simple!



Versions

■ Frequency range		
DR-B185HT : (FCC/IC)	TX	144-147.995MHz
	RX	136-173.995MHz
DR-B185HE : (CE)	TX/RX	144-145.995MHz

Features

- Scanning functions including DCS/CTCSS/
Priority/Group and timer/busy modes.
- Wide and Narrow FM modes
- 39 tone CTCSS/DCS/2-tone encode and decode
- HIGH/LOW power setting
- Offset direction and frequency variable
- Keypad lockout/Reverse function
- Alphanumeric tag/Display dimmer
- Automatic illumination brightness
- TIME-OUT-TIMER, BCLO and AUTO POWER OFF
- TONE-BURST tones/AUTO-DIALER
- DTMF TX speed, pause and monitoring features
- S-METER squelch
- Multifunctional microphone with keypads (HT Only)
- Cable cloning

Standard accessories



Standard accessories declared herein are our factory default and may vary at moment of sales depending on the market and Dealers' sales policy.

- Microphone
 - DR-B185HT : EMS-57 DTMF Remote
 - DR-B185HE : EMS-53 Plain

Spare accessories

- Mobile bracket
- DC Power Cable
- EMS-57 : Back-Lit microphone with key pad
- EMS-53 : Plain microphone

Option



PC Programming cable
ERW-7 USB port

Specifications

General

Tested to comply MIL-STD-810G
-Shock: Method 514.6/I,IV -Vibration: Method 516.6/I

Output Power	85W / 5W
Memory channels	500 channels
Channel Step	5KHz, 6.25KHz, 10KHz, 12.5KHz, 15KHz, 20KHz, 25KHz, 30KHz, 50KHz
Max Current Drain (approx.)	RX stand-by : 500mA /1A TX High : 20A / Low : 6A
Operating Voltage	13.8V DC ±15%
Squelch	Carrier / CTCSS / DCS / 2Tone / S-meter
Frequency Stability	±2.5ppm
Operating Temperature	-10°C ~ +60°C
Dimensions (W x H x L) approx.	164 x 44 x 183.6 mm 6.44 x 1.73 x 7.21 inches
Weight approx.	1.5Kgs / 3.31 lbs

Receiver

	Wide mode	Narrow mode
Sensitivity (12dB Sinad)	≤0.25μV	≤0.25μV
Adjacent Channel Selectivity	≥70dB	≥60dB
Intermodulation	≥65dB	≥60dB
Spurious Rejection	≥70dB	≥65dB
Audio Response	+1~-3dB(0.5~2.5KHz)	+1~-3dB(0.5~2.5KHz)
Hum & Noise	≥40dB	≥35dB
Audio Distortion	≤5%	
Audio Power Output	>2W@10%	

Transmitter

	Wide mode	Narrow mode
Modulation	16KΦF3E	11KΦF3E
Adjacent Channel Power	≥70dB	≥60dB
Hum & Noise	≥40dB	≥35dB
Spurious Emission	≥60dB	≥60dB
Audio Response	+1~-3dB(0.5~2.3KHz)	+1~-3dB(0.5~2.3KHz)
Audio Distortion	≤5%	

Specifications are subject to change without notice due to advancements in NOTE technology.

※ Peripherals like an antenna, mounting hardware, coax cable etc are required for proper operation.

Authorized Dealer:

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* Projections are not included in the declared dimension values.

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