

ALINCO

Quality. Style. Performance!

145MHz FM Base/Mobile Transceiver DR-CS10HT

⚠ Please make sure the "HT" suffix at moment of purchase.
DR-CS10 (without HT) model is a land mobil radio.

222MHz FM Base/Mobile Transceiver DR-CS25

FC



Actual Size

Ultra Compact Mobile Radios That Offer You Everything!

The DR-CS10HT (2m band) and DR-CS25 (1.25m band) in their ultra compact packages are loaded with high technology features. The easy and smooth operation of DR-CS series radios are inherited from popular Alinco radio equipment series such as a large back-lit display & microphone, excellent transmit/receive audio, 200ch memories, various scanning and more and more at No extra costs!

Affordable, easy-to-use DR-CS10HT and DR-CS25 will offer everything you may expect from a VHF mono-band mobile transceivers, so take a closer look at Alinco DR-CS10HT/25!

An amateur radio operator license is required to operate These products.

DR-CS10HT DR-CS25



FCC part.15 Amateur radio



ALINCO
INCORPORATED

Osaka, Japan

COMMON FEATURES

- Output power 60W DR-CS10HT / 50W DR-CS25 and selectable 25W / 10W
- PC-programmable 200ch
- Alphanumeric name tags
- Wide variety of selective calling features built-in; The 2-Tone, 5-Tone, 51 CTCSS, 1024 DCS, 4 Tone-burst tones and DTMF / ANI decode
- Large, bright LCD and easy-to-operate backlit microphone keys
- Multi-function microphone enables direct frequency entry & remote control
- Various scan modes, Key lock, Wide / Narrow operations and more!



Standard accessories

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

Spare accessories

ADUA38 : DC Power Cable (15A Fuse)
EMS-74 : Backlit microphone with keypad

Programming cable options

EDS-29 : Cloning cable
ERW-12 : PC cable

SPECIFICATIONS

General

Frequency Range	CS10HT TX 144-147.9975MHz RX 136-173.9975MHz CS25 TX 222-224.9975MHz RX 220-259.9975MHz
Number of Channels	200 channels
Channel Spacing	25KHz (Wide mode) 20KHz (Middle mode) 12.5KHz (Narrow mode)
Channel step	2.5KHz, 5KHz, 6.25KHz, 8.33KHz, 10KHz, 12.5KHz, 15KHz, 20KHz, 25KHz, 30KHz, 50KHz
Operating Voltage	13.8V DC $\pm 15\%$
Squelch	Carrier / CTCSS / DCS / 5Tone / 2Tone / DTMF
Frequency Stability	± 2.5 ppm
Operating Temperature	-20°C ~ +60°C
Dimensions	145 (W) x 35 (H) x 180 (D) mm approx. 5.709(W) x 1.378(H) x 7.087(D) in approx.
Weight	Weight approx. 0.910 kg / 32.1 ounce

* Projections are not included in the declared dimension values.

Receiver

	Wide mode	Narrow mode
Sensitivity (12dB Sinad)	$\leq 0.3\mu\text{V}$	$\leq 0.35\mu\text{V}$
Adjacent Channel Selectivity	$\geq 70\text{dB}$	$\geq 60\text{dB}$
Intermodulation	$\geq 65\text{dB}$	$\geq 60\text{dB}$
Spurious Rejection	$\geq 70\text{dB}$	$\geq 70\text{dB}$
Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.55KHz)
Hum & Noise	$\geq 45\text{dB}$	$\geq 40\text{dB}$
Audio distortion	$\leq 5\%$	
Audio power output	$> 2\text{W}@10\%$	

Transmitter

	Wide mode	Narrow mode
Power Output max.	CS10HT=60W / CS25=50W (25/10W selectable)	
Modulation	16K Φ F3E	11K Φ F3E
Adjacent Channel Power	$\geq 68\text{dB}$	$\geq 60\text{dB}$
Hum & Noise	$\geq 40\text{dB}$	$\geq 36\text{dB}$
Spurious Emission	$\geq 60\text{dB}$	$\geq 60\text{dB}$
Audio Response	+1~-3dB (0.3~3KHz)	+1~-3dB (0.3~2.55KHz)
Audio Distortion	$\leq 5\%$	
Current drain (max)	10A (TX) / 0.6A (RX)	



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

※ Peripherals like an antenna, mounting hardware, coax cable etc are required for proper operation. Please consult with your dealer.

Authorized Dealer:



Please be sure to read the instruction manual before using the product for your safety.

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