

ALINCO

DJ-190

VHF FM HANDHELD TRANSCEIVER

DJ-190T: RX135 ~ 173.995MHz TX144 ~ 147.995MHz

DJ-190E: RX144 ~ 145.995MHz TX144 ~ 145.995MHz

*ITS SUPER SLIM BODY OFFERS
SIMPLE INTUITIVE OPERATION
WITH POWERFUL FEATURES.*

The simple operation, "slim line" ALINCO technology, and maximum size display features and durability, make this radio the choice of demanding communicators worldwide.



LCD actual size

- *40 Memory Channels
- *Cloning Capable
- *Tone encoder with 50 tones
- *Battery save function
- *Compact battery design:

4.8V	700mAH	1.5W	Standard
4.8V	1200mAH	1.5W	Optional
7.2V	900mAH	3.5W	Optional
9.6V	650mAH	5W	Optional

- *Automatic power off with alert
- *Time Out Timer setting
- *D.C. In Jack for external power source
- *Scan function



FEATURES

- Large, illuminated display
- CTCSS encoder (50 tones) equipped
- Time-Out-Timer equipped
- 40 memory channels, each memory channel stores frequency, offset, shift-direction, CTCSS setting, CTCSS frequency, power H/L, scan-skip, battery-save (On/Off).
- Scan functions
- Battery save function (BS)
- Auto Power Off with Morse **aler!** before turn off.
- **1.5W** transmit output, 5W with optional Ni-Cd battery-pack EBP-36N.
- Cable cloning function
- **D.C.** In Jack for external power source
 - Monitor key
- Tone burst **1750Hz** emission can be set.
- **2-colour** LED indicator: Green for RX/Red for TX

SPECIFICATIONS

Frequency Coverage	TX		RX
DJ-190T (U.S. Amateur version)	144.000 ~ 147.995MHz	135.000 ~ 173.995MHz	
DJ-190E (European Amateur version)	144.000 ~ 145.995MHz	144.000 ~ 145.995MHz	
DJ-190TA (Commercial version)	135.000 ~ 155.000MHz	135.000 ~ 173.995MHz	
DJ-190TA2 (Commercial version)	150.000 ~ 174.000MHz	135.000 ~ 173.995MHz	
Channel Step:	5, 10, 12.5, 15, 20, 25, 30kHz steps		
Memory Channels:	40 Channels		
Antenna Impedance:	50Ω unbalanced		
Frequency Stability:	±5 ppm		
Microphone Input Impedance:	2kΩ nominal.		
Signal Type:	F3E (FM)		
Offset Range:	0 ~ 99.995MHz		
Deviation:	±5kHz max.		
TX Output (supply voltage):	1.5W (4.8V) 3.5W (7.2V) 5W (9.6V)		
RX Sensitivity:	12dB SINAD better than -16dBμ		
RX Selectivity:	-6dB ± 12kHz		
I.F.:	(1st) 21.25MHz (2nd) 450kHz		
Power Supply Requirements:	4.8 ~ 13.8V DC (4.8V DC standard)		
Current Consumption	Transmitting: Approx. 1.5 Amp. in High Power Setting		
at 13.8V DC :	Receiving: Squelched Approx. 24mA (BS on)		
Operating Temperature:	-10 ~ +60°C, 14 ~ 140°F		
Dimensions:	57(W) x 151 (H) x 27(D) mm		
(with EBP-37N without projections)	2 1/4(W) x 6(H) x 1 1/8(D) inches		
Weight:	Approx. 300g		
Subaudible Tones (CTCSS):	Encoder installed (50 tones)		

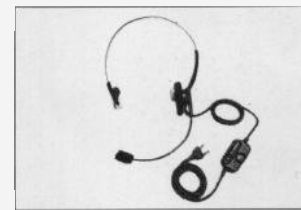
*Specifications are subject to change without notice or obligation.

OPTIONAL ACCESSORIES

EJ-28U	CTCSS Decoder Unit
EBP-33N	(4.8V DC 650mAh) Ni-Cd battery
EBP-34N	(4.8V DC 1200mAh) Ni-Cd battery
EBP-35N	(7.2V DC 900mAh) Ni-Cd battery
EBP-36N	(9.6V DC 650mAh) Ni-Cd battery
EBP-37N	(4.8V DC 700mAh) Ni-Cd battery (standard)
EDH-16	Dry-cell battery case (AA x 4)
EDG36	Mobile Cigarette lighter adapter with active noise filter
EDG37	External DC supply cable
EDC-60	(120V AC) Rapid charger
EDC-61	(220V AC) Rapid charger
EDG63	(120V AC) Wall charger
EDG64	(220V AC) Wall charger
EMS-9	Speaker microphone
EME-12	Headset with VOX
EME-13	Earphone and mic with VOX
EME-6	Earphone
ESG26	Softcase (for use with EBP-33N)
ESG29	Softcase (for use with EBP-37N)
ESG30	Softcase (for use with EBP-34N/35N/36N)
EBG6	Mobile bracket
ERW-4	(for commercial version only) PC Programming cable
SC-400	(for commercial version only) Scrambler



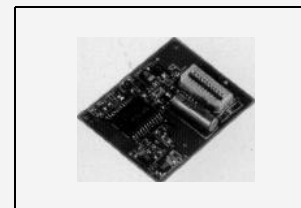
- EDC60 Rapid Charger (120V)
- EDC-61 Rapid Charger (220V)



- EME-12 Head-set with VOX



- EBP-36N Ni-Cd Battery Pack 9.6V DC 650mA for 5W output



- EJ-26U CTCSS Decoder Unit

*Names of products mentioned in this catalog are used for identification purposes only and may be trade mark and/or registered trademarks of their respective company.

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