

# ALINCO

UHF FM HANDHELD TRANSCEIVER

# DJ-S45 CQL/CQS

License-Free License-Free  
ETIS 300220 LPD PMR446

## PMR446 and LPD, Both In a Super-Compact Body!

This new UHF handheld transceiver packs a lot of performance into a rugged polycarbonate body. Designed to resist water, dust and dirt, the DJ-S45CQL/CQS features clear, crisp audio with a choice of high-performance long whip antenna or a super-short antenna where portability comes first. Capable of operating both PMR446 and LPD\*, the DJ-S45CQL(long antenna model)/CQS(short antenna model) are perfect for any application where instant short-range communications are necessary; keep in touch around the house, down the road, in a theme-park, shopping mall, exhibition hall, for business, factory, warehouse, outdoor sports, hunting, fishing...where you need to talk to someone, the DJ-S45CQ is a brilliant alternative to a mobile phone (...no charges and no need to dial the numbers either)!

\* LPD mode is available only where permitted. PMR-only version is also available

- Rugged, polycarbonate design resists rain, dirt and dust
- 100 memories, programmable freely both PMR and LPD settings
- Cable cloning and Computer-programmable with free software downloadable from Alinco website (with optional ERW-4C cable)
- Choice of high-performance antenna (CQL) or ultra-compact antenna (CQS)models
- Works with 2 AA cells yet powerful legal-limit TX output and clear, crisp 200mW Audio output
- Compact size 57W x 98H x 29.7D mm or 2.24W x 3.86H x 1.17D inches (w/o projections: antenna length / CQL 158mm, CQS 32mm)

- Weight less than 170g or 0.38 lb inclusive of 2 AA alkaline cells and antenna
- 3 types of Scan functions (VFO, Memory, Tone) with timed/busy settings
- 39 CTCSS tones and 3 different Tone Burst Tones
- Simple, easy-to-use interface and Back-lit, Easy-to-Read LCD screen with "Channel number only" display mode, suitable for commercial-applications.
- Includes Auto-Power-OFF, Busy-Channel-Lockout, Time-Out-Timer, Battery Saver, Tone Call and Bell (pager)
- Mic/SP/EXT-DC ports

### Standard Accessories

- Belt Clip
- Handstrap



### Optional Accessories

- Speaker Headset with VOX (EME-12A)
- Earphone Headset with VOX (EME-13A)
- Speaker-microphone (EMS-59, EMS-47)
- Tie Pin Microphone with VOX (EME-15A)
- Heavy Duty Earphone Microphone (EME-21A)
- Earphone Microphone (EME-23A)
- Earphone (EME-6)
- Rechargeable Li-Ion battery pack (EBP-60)
- Quick Batter Charger 120Vac (EDC-138A)
- Quick Battery Charger 240Vac (EDC-138E/UK)
- Soft case (ESC-40)
- Cigar-adaptor (EDH-33)
- Computer control cable (ERW-4C)

### Specifications

● Frequency Range / [LPD(VFO) mode]TX: 433.06000-434.78000MHz RX: 433.06000-434.78000MHz [PMR mode]TX: 446.00625-446.09375MHz RX: 446.00625-446.09375MHz ● Modulation / F3E ● Ant. Impedance / 50Ω ● Supply Voltage / 3.0-6.0VDC(DC-JACK), 2xAA Batteries, Li-ion pack ● Current (approx.) / [Transmit] [LPD(VFO) mode]0.20A [PMR mode] 0.45A [Receive] 60mA st-by ● Freq. Stability / +/-5ppm ● Dimensions / 57(W)x98(H)x27.9(D)mm (Projections exclusive) ● Weight (approx.) / [DJ-S45CQS] 164g (2xAA Batteries inclusive) [DJ-S45CQL]170g (2xAA Batteries inclusive) ● Power Output (DC6.0V)(approx.) / [LPD(VFO) mode]10mW [PMR mode]500mW ● Modulation / Variable Reactance ● Max Deviation / +/- 2.5kHz ● Spurious Emission /250nW or less ● Mic. Impedance (approx.) / 2kΩ ● System / FM: Double-conversion super heterodyne ● Intermediate Freq. / FM: 1st 21.7MHz, 2nd 450kHz ● Sensitivity / -15dBu or less (12dB SINAD) ● Selectivity / FM -6dB : 6kHz or over, -60dB : 14kHz or less ● AF Output / 180mW or over (MAX) 150mW or over (10% Distortion Factor 8% ● Spurious respons / 2nW or less

Specifications may be changed without a preliminary announcement in connection with technical development. Standard accessory may vary. Please consult with your local dealer before purchase.

## ALINCO, INC. Electronics Division

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Alinco's Toyama facility is ISO-9002 compliant.

Authorized Dealer:



DJ-S45CQS

DJ-S45CQL

\*Due to legal requirement, the antenna is fixed, not interchangeable.