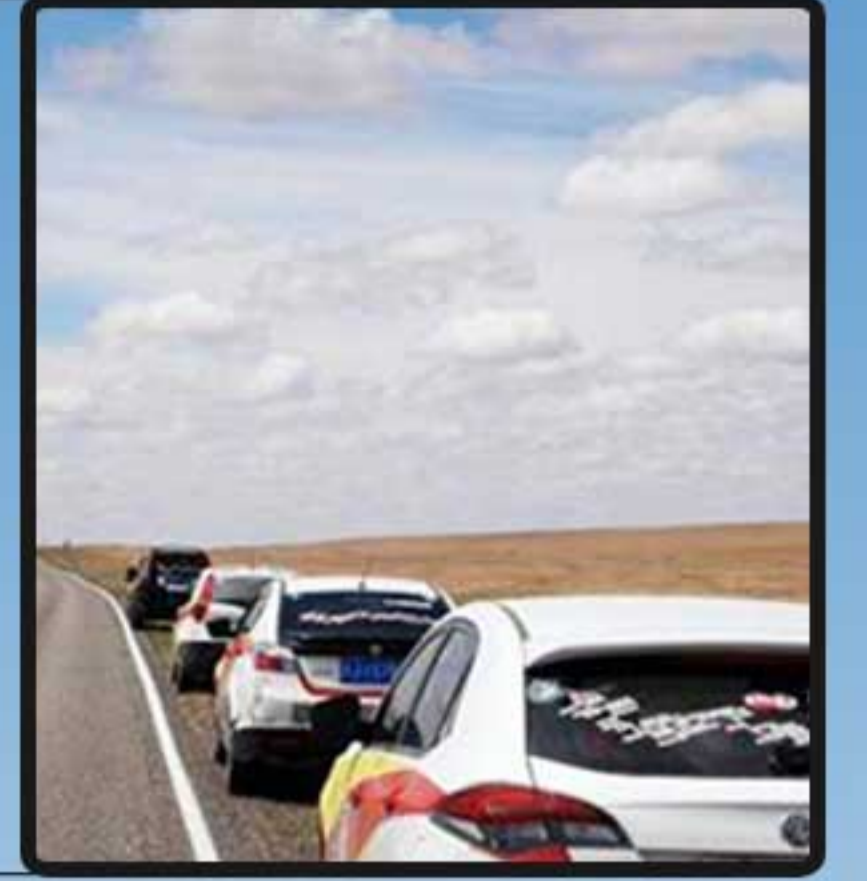
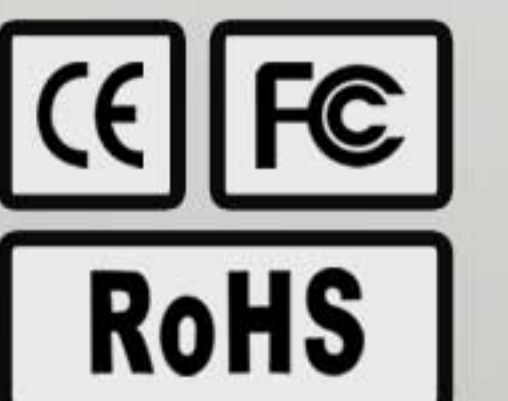


# RT-9000D

8 Group's Scrambler /  
VOX function /  
Remote kill, stun, activate and revive /  
50 CTCSS/1024DCS code /



RT-9000D mobile radio has nice housing, stoutness and stability, advanced and reliable functions, perfect and valuable. This amateur mobile radio especially designs for drivers and it pursues company philosophy of innovation and practicality.



**RETEVIS**  
www.retevis.com

# RT-9000D

## Main Feature

Display on a large LCD with adjustable brightness, Convenient for nighttime use. There are amateur operation mode and professional operation mode for option.

Distribute buttons reasonably, Convenient for operation, Adopt superior material, Better technology and high quality radiator to ensure stable and durable operation.

Programming different CTCSS, DCS, 2Tone, 5Tone in per channel, rejecting extra calling form other radios.

Various scan functions including CTCSS/DCS scan function.

Using 5Tone to send message, Emergency alarm, Call all, ANI, Remotely kill, Remotely Waken, etc.

Automatic calling identification function by DTMF—ANI or 5Tone—ANI.

Scramble function

Compander function for decrease the background noise and enhance audio clarity, it can set compander ON/OFF per channel.

Five programmable multi-functional leys, can set various shortcut operation according to different requirement.

1024 groups of DCS code improves the abilities of rejecting extra calling.

## Specification

Number of channels	200 channels	Frequency Range	VHF: 136-174MHz or 220-260MHz/UHF: 400-490MHz
Operating temperature	-20~+60°C	Channel Spacing	20k(wide band) 20k(middle band) 12.5k(Narrow band)
Operating Voltage	13.8V DC $\pm$ 15%	Squelch	Carrier/CTCSS/DCS/5Tone/2ToneDTMF
Dimension (L x W x H)	145(W) x 47(H) x 190(D)mm	Weight(Include Battery)	Approx 1.2kg
Frequency stability	2.5ppm	Phase - locked step	5/6.25/8.33/10/12.5/15/20/25/30/50kHz

## Transmitter

	Wide	Narrow Band
Power output	60/25/10W (VHF)	45/25/10W (UHF)
Modulation	16k $\phi$ F3E	11k $\phi$ F3E
Adjacent channel power	$\geq$ 70dB	$\geq$ 60dB
Hum and Noise	$\geq$ 40dB	$\geq$ 36dB
Spurious emission	$\geq$ 60dB	$\geq$ 60dB
Audio response	+1~-3dB (0.3-3kHz)	+1~-3dB (0.3-2.55kHz)
Audio distortion	$\leq$ 5%	

## Receiver

	Wide	Narrow Band
Sensitivity(12dB SINAD)	$\leq$ 0.25 $\mu$ V	$\leq$ 0.35 $\mu$ V
Adjacent Channel selectivity	$\geq$ 70	$\geq$ 60dB
Inter-modulation	$\geq$ 65	$\geq$ 60dB
Spurious Rejection	$\geq$ 70dB	$\geq$ 70dB
Hum and Noise	$\geq$ 45	$\geq$ 40dB
Audio distortion	$\leq$ 5%	

## Standard Accessories



Power cable



Handheld Speaker Mic



Programmable cable



Pack



User's manual



Screw

