



8 groups
Scrambler setting



End roger



Radio turn-off
timer (1-15h)



CTCSS/Power
adjust by software

rakom.se

Radiokommunikation i Borås

Tvinnargatan 25 | info@rakom.se | Tfn: 033-723 22 10
507 30 Bråmhult | www.rakom.se | Fax: 033-13 88 71

PX-333

Professional FM Transceiver

www.pxdz.com



PX-333

PROFESSIONAL FM TRANSCEIVER

SPECIFICATION

• Select call, group call and broadcast call by MSK code	• Channel(MR) and frequency(VFO) mode switchable	• Keypad lock/PTT lock/All keys lock
• Adjust the CTCSS by software	• Radio turn-off timer (1-15h)	• Open message edit
• Adjust the power by software	• 8 groups Scrambler setting	• Alpha-Numeric channel name
• 50 CTCSS and 107 DCS	• Channel bank store	• Repeater offset
• 128 channels	• Battery save function	• Open password protection
• Output power 4-5W	• Busy channel lockout	• End roger
• Wide and Narrow band	• DC voltage display	• Scan modes selectable
• Battery low power alert	• FM radio receiver built-in	• Time out timer
• Input frequency directly by keypad	• Backlight working time control	• VOX/VOX delay/VOX sensitivity adjustable

GENERAL

Frequency Range	VHF: 136~174MHz / 245~246MHz	UHF: 400~470MHz / 465~520MHz / 350~390MHz
Working Temperature	-20°C ~ +50°C	
Operating Voltage	DC7.2V	
Operate Mode	Simplex or Semi-duplex	
Dimension	98mm x 53mm x 30mm(Not included antenna)	
Weight	220g(Including battery)	
Antenna Impedance	50Ω	

TRANSMITTER

Frequency Stability	±2.5PPM
Output Power	VHF 5W / UHF4W
Max Frequency Deviation	≤5KHz / 2.5KHz
Audio Distortion	≤3%
Modulation Character	+3dB ~ -3dB
Adjacent Channel Power	>70dB / 60dB
Spurious Radiation	<7.5μW
Occupied Bandwidth	<16KHz

RECEIVER

RF Sensitivity	<0.2μV
Audio Distortion	≤3%
Audio Response	+2dB ~ -10dB
Same Channel Restrain	>-8dB
Adjacent Channel Selectivity	>60dB
Intermodulation Rejection	>65dB
Spurious Response	>70dB
Blocking	>80dB

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES

