

Uniden®

UH8020S

UHF CB
MOBILE

18+ km² 



PLUG & PLAY
MOUNTING
INCLUDED



MAGNETIC
ANTENNA
INCLUDED



Master Scan™



Plug & Play



Magnetic
Antenna



Mini Compact
Size



7 Colour LCD
Key Backlight



5W Power



5yr Warranty^A

**BUILT
RUGGED**
for AUSTRALIAN and
NEW ZEALAND conditions



UNIDEN'S PREMIUM MASTER SCAN™ TECHNOLOGY

Master Scan™ Offers Minimal Disruptions for Continuous Communication. It Includes the Following Features.

Dynamic Switching:

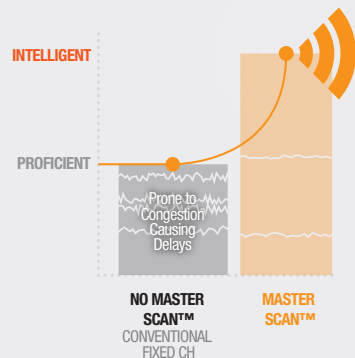
Continual communication without interruption is possible by dynamically switching to unused channels. This network scan function scans for other radios that share the same CTCSS or DCS tone. When the radio detects a signal with no code, or the wrong code, it switches to an unused channel when transmitting. By scanning only group channels, radios in the network will be able to detect and receive group transmissions – continual communication without interruption.

Pre-batched Group Channels:

Avoid complicated settings by preloading group channels.

Lightning Encode:

An advanced rectifier circuit enables the radio to decode CTCSS/DCS quickly.



Minimal Disruptions for Continuous Communication

* Please note: CH 22 & 23 are used for telemetry and telecommand applications, voice communications are not permitted on these channels and transmission is inhibited. CH 61, 62 & 63 are for future use and are receive only channels.

18+km: Typical Range Line of Sight.

Δ One year warranty for the included accessories. Specifications subject to change without notice.

SCAN & DISCOVER

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UH8020S SPECIFICATIONS

UHF CB MOBILE	UH8020S
Output Power	5 Watts
Number of UHF-CB Channels*	80*
Size (mm)	24 (H) x 100 (W) x 80 (D)
Total Available Channels	9600
Frequency Range (in 12.5kHz steps)	
UHF-CB	476.425MHz – 477.4125MHz
Channel Width	12.5kHz (Narrowband)
Power Source (nominal)	13.8V
Microphone	MK800 (included)
Microphone Condenser	Electret
Base Speaker (maximum power)	2W
AVS circuitry†	•
Digital Coded Squelch (DCS)	104
Interference Eliminator CTCSS	38
Range Extender Duplex Capability	•
Large LCD Display	Segment
Backlit Keypad and LCD	Yes
Backlight Colours	Blue, Red, Purple (Magenta), Green, Cyan, Yellow, Clear (White)
External Speaker Jack	•
TX/RX Indicator	•
Master Scan Function	•
Scanning Receiver Functions	
Memory Scan Functions	•
Channel Scan	•
Scanning Group (with Priority Watch)	•
Scanning Open	•
Key Beep On/Off	•
Roger Beep	•
Calling Tones	5
Instant Channel	•
Monitor Function	•
Warranty	5yrs ^Δ
Typical Range (line of sight)	18kms

ANTENNA	AT820
Impedance	50 OHM
Gain	Up to 2.5dB
VSWR	1.5 max (476.425MHz – 477.4125MHz)
Polarisation	Linear
Radiation	Omni Directional
Cable	RG316 3m
Termination	FME + FME to UHF PLUG



INCLUDED IN THE BOX

- 1 x UH8020S Radio
- 1 x Heavy Duty Microphone (MK800)
- 1 x Microphone Hanger
- 1 x DC Power cable (Cigarette Lead Type)
- 1 x Windshield Mount
- 1 x Radio Bracket
- 1 x AT-820 Magnetic Antenna with 3m cable

OPTIONAL ACCESSORIES

- External Speaker (MS-100)
- UHF 6.5dB Deluxe Antenna (AT-870)