Uniden

ADV05 Series
UHF CB Transceiver

For more exciting new products please visit our website:
Australia: www.uniden.com.au

OWNER'S MANUAL

CONTROLS & INDICATORS

Included in your Package
- ADV05 Series Radio*
- Belt Clip*
- Micro-USB charge cable*
- Operating Guide (one only)

Per radio

Display Icons: See page 2

- Antenna
- Push To Talk (PTT)
- Call Tone / Monitor On/Off
- Flashlight / Key Lock
- [▼] Down
- Speaker
- LED Flashlight
- Lanyard hole
- Display
- [▲] Up
- Menu / Power On/Off
- Scan / VOX On/Off
- Microphone
- Micro-USB Charging Jack

* Requires 3 AAA rechargeable batteries to use this feature.
  NiMH rechargeable batteries are recommended.

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Icon	Meaning
88	Channel Number
VOX	VOX is on
2CH	Dual Channel is on
⊙┑	Key Lock is on
◄×	Volume Mute
88	'Silent PIN' (CTCSS Code) for current Channel
▥	Battery Level
SCAN	Scan is on
↑↓	Transmit / Receive

GETTING STARTED

Installing Batteries
Your radio requires 3 AAA Alkaline batteries or 3 AAA NiMH Rechargeable batteries (not supplied).

1. With the back of the radio facing you, push and slide down the battery cover to remove.
2. Install 3 AAA Alkaline batteries or 3 AAA NiMH rechargeable batteries as shown on the inside of the battery compartment.

Push
Slide to open battery door

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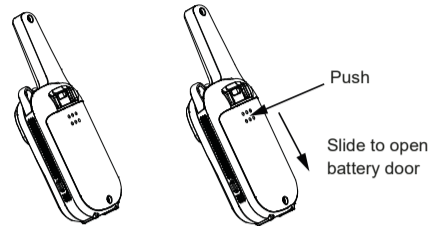
3. Replace the battery cover and press down to secure.

Installing the three AAA alkaline or NiMH batteries.
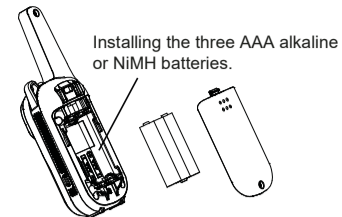
Belt Clip
To attach:
Slide the belt clip down into the catch until it snaps into place.
To remove:
Pinch and hold belt clip latch and slide the belt clip up.

Radio Battery Meter
Battery bars indicate the battery level ▥ . When the battery meter shows 1 bar, the device goes into low battery mode and indicates low battery in the form of an alert tone.

NOTE
- Charge only at room temperatures.
- Only charge NiMH rechargeable batteries.
- Do not mix and use old/new/alkaline/NiMH batteries.
- Remove the batteries from the radio for storage.
- Batteries may corrode over time and cause permanent damage to your devices.
- Charge rechargeable NiMH batteries once every 3 months when not in use.

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Charging Rechargeable Batteries

NOTE Do not charge alkaline or non rechargeable batteries.
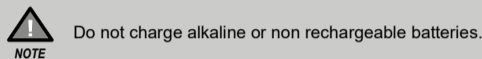
Plug the Micro-USB end of the USB charge cable into the radio's Micro-USB charge port, and the USB end to a standard USB charge port, or USB port of an AC adaptor (not included). Plug the AC adaptor into the wall outlet.

- Before operating the radio, charge the rechargeable batteries for 16 hours without interruption.
- Do not transmit when the radio is charging.

The changing battery icon on the display indicates the battery is charging.

Low Battery Alert
If the battery level becomes low, the unit will go into a Battery Low Mode. The Transmit Mode is disabled. Replace Alkaline batteries immediately, or recharge NiMH rechargeable batteries immediately to continue using the radio.

Power Save
Your ADV05 Series has a unique circuit designed to dramatically extend the life of the batteries. If there is no transmission nor an incoming call within 5 seconds, your Radio switches to the Power Save mode. The Radio is still able to receive transmissions in this mode.

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OPERATION

Turning Your Radio On and Off
Press and hold ⏻ to turn the radio On or Off.

When turning on, the radio chirps and the display briefly shows all the display icons before showing the current standby mode of your radio.

Back Light
The ADV05 has an automatic display back light which remains on for 5 seconds after a key press (all keys except **PTT** key). The back light will work even if the keypad is locked but will not work during low battery alert mode.

Setting the Volume
Press the **UP** button to increase the speaker volume.
Press the **DOWN** button to decrease the speaker volume.
The speaker volume setting is indicated by 'L'.
The volume level range is from 0 (mute) to 7 (maximum).
When volume level is 0, the mute icon displays.

Ex. lowest volume   Ex. highest volume

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MENU List

Open the MENU	- Press **MENU**
Step through MENU	- Press **MENU** again
Exit the MENU	- Press **PTT**

One	CHANNEL setting
Two	'Silent PIN' (CTCSS Code) setting
Three	Call Tone setting
Four	VOX setting
Five	Dual Watch (2nd Channel) setting
Six	Duplex Mode (Repeater) setting

Setting a Channel
The ADV05 uses the UHF-CB channels (CH01-CH80). See UHF CHANNELS & FREQUENCIES, page 12 for channel usage.

1. Press **MENU** one time. The current channel flashes.
2. Press **UP** or **DOWN** button to select a desired channel.
3. Press **PTT** to confirm and save the channel setting.

LED Flashlight (LAMP)
To use the built-in LED flashlight;

1. Press **LAMP** to turn the LED flashlight On or Off.
   NOTE: The lamp function will work when radio power is Off.

Automatic SQUELCH
The ADV05 is equipped with an automatic squelch, which mutes the speaker audio unless a strong enough signal is present. As this is automatic, there is no user input required to adjust it.

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Talking and Listening
To communicate, all radios in your group must be set to the same Channel (and the same 'Silent PIN' code if it is set).

To talk, press and hold **PTT**. ↑ Indicates transmission.

The transmit power is 0.5 Watt.
Hold the radio 5 to 7 cm away from your mouth when speaking. When you are finished speaking, release **PTT** to listen.

NOTE For maximum range and extended the life of the batteries, **avoid touching the antenna** with your hand when transmitting.
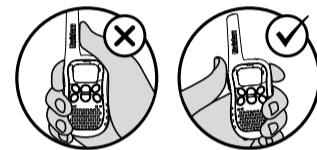
Checking the Channel Before Transmitting
For uninterrupted communication, do not talk on a channel if someone else is currently talking on it. ↕ Indicates a signal is being received.
If a 'Silent PIN' (CTCSS code) is enabled, check for activity on a channel before you talk, press and hold **MON**. If you hear static, the channel is clear to use.

Push to Talk Timeout Timer
To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press **PTT** for 60 continuous seconds.

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CTCSS and DCS Codes - 'Silent PIN'
When you don't want to hear chatter from other users on a channel, who are not part of your group, you can set a 'Silent PIN' (CTCSS or DCS code). The silent pin works to keep your radio silent, unless someone is transmitting using the same silent pin - so only share your pin setting with those in your group. The ADV05 has 104 pins (codes) available (01~104).

The radios in your group must be set to the same 'Silent PIN' (CTCSS or DCS code). When communicating with other ADV series radios you just select the same pin code. You can set a different pin code for each channel using this procedure.

1. Set a desired channel to use a 'Silent PIN' on.
2. Press **MENU** two times. The PIN (code) number flashes.
3. Press **UP** or **DOWN** to select a setting;
   - PIN 00   Setting is disabled (Off)
   - PINs 01~38   (CTCSS codes 01~38)
   - PINs 39~104 (DCS codes 39~104).

Ex. 1 shows Silent PIN 38 (CTCSS code #38)

Ex. 2 shows Silent PIN 104 (DCS code #104)

4. Press **PTT** to save the code setting.

NOTE: Set to 00 to disable the feature for the current channel. If you are communicating with non ADV series radios then let them know the code type (CTCSS or DCS) and number your are using.

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Scanning Channels
Use scanning to monitor channels for transmissions or to find someone in your group who has accidentally changed channels.

To start scanning:
1. Press and release **SCAN**. The **SCAN** indicator displays.
2. Press and release **SCAN** again to disable scanning. The **SCAN** indicator disappears.

When the radio detects channel activity, it stops scanning and you can hear the transmission. To respond to the transmission, press **PTT** within 5 seconds,the channel will be confirmed.

Scan Advance
If the radio stops scanning on a channel you do not want to listen to, briefly press and release **UP** or **DOWN** to temporarily remove that channel from scan and resume scanning. Removed chanels are restored when the radio is powered off then on again.

Setting and Transmitting Call Tones
Your radio can transmit different call tones (wake-up tone) to other radios in your group so you can alert them that you want to talk. To set a call tone:
1. Press the **MENU** three times. 'CA' appears on the display. The current call tone setting flashes.
2. Press **UP** or **DOWN** to change and hear the next call tone. There are 5 call tones to choose from (1-5)
   NOTE: Set the call tone to 0 to disable the call tone feature.
3. Press **PTT** to set the new call tone. Press **CALL** to transmit the call tone.

NOTE: Current regulations require calling tones to be restricted to one transmission per minute. If a second transmission is attempted within one minute then an error tone will sound.

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Voice Operated Transmission (VOX)
Transmission is initiated by speaking into the microphone of the radio instead of pushing the PTT button.

Press **VOX** to turn VOX On or Off. **VOX** appears on the display.

The VOX sensitivity level can be changed in the Menu.
1. Press **MENU** four times. **VOX** icon will display. The current setting (1-3) will flash.
2. Press **UP** and **DOWN** button to select the sensitivity level.
3. Press **PTT** to set the new setting.

1 = Low Sensitivity (for quieter areas)
2 = Medium Sensitivity
3 = High Sensitivity (for noisy areas)

Dual (Channel) Watch
You can monitor a second channel along with the current channel with this setting.
1. Press **MENU** five times. 'CH' appears on the display. The second channel to monitor will flash. (OF, 01 - 80) If the setting is OF, then Dual Watch is disabled.
2. Press **UP** or **DOWN** to set the 2nd channel to monitor.
3. Press **PTT** to save the setting and dual watch will be enabled. The second channel will be monitored intermittently.

To Operate in Duplex Mode (Repeater Mode)
The Duplex function enables you to access local repeater stations. UHF CB Repeaters are used to retransmit or relay your signal. Repeaters will extend the range of your radio and overcome the shielding effect caused by solid obstructions.

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NOTE: You can only activate Duplex on Channels 01-08 and 41-48. When Duplex is ON for a repeater channel, the display shows r1-r8 for Channels 01-08 and n1-n8 for Channels 41-48.

Operation With the Aid of a Repeater

Repeater Station

Eg. CH01 is being used in your area for repeater use.
1. Press **MENU** six times. 'r P' setting flashes.
2. Press **UP** or **DOWN** to change the change the setting ON or OFF.
3. Press **PTT** to save.

Key Lock ON/OFF
1. To lock the key pad:
   Press and hold ⊙┑ until the key lock indicator appears.
2. To unlock the key pad:
   Press and hold ⊙┑ until the key lock indicator disppears.

Key Beep ON/OFF
Press and hold the **DOWN** button while turning the radio ON to switch the key beep tone ON or OFF.

Roger Beep ON/OFF
Roger Beep is a unique tone added to end a transmission. Press and hold the **UP** button while turning the radio ON to turn Roger Beep ON or OFF.

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UHF CHANNELS & FREQUENCIES

NOTE
Always listen on a channel (or observe the receive signal level meter) to ensure it is not already being used before transmitting.

Channels 5 and 35 are used for emergency channels.
CTCSS will not operate on these channels.

Please follow these guidelines for channel use in Australia:
- Channels 05 and 35 are Emergency Channels.
- Channel 11 is a Calling Channel.
- Channels 22 and 23 are for telemetry and telecommand applications, channels 61, 62 and 63 are for future use and TX is inhibited on these channels.

General communication is accepted on all other channels with these guidelines:
- Channel 40 - road channel (Australia).
- Channels 01-08 (and 31-38), and Channels 41-48 (and 71-78) are repeater channels.

Important information - 80 Channel UHF-CB channel expansion
To provide all users additional channel capacity within the UHF-CB Band. The ACMA will change the majority of the current wideband 40 channel use to narrowband channel use. This allows for additional channels to be added, up to 80 Channels.

This simply means that the new narrowband radio you have purchased will have more channels than older radios. Please refer to the guidelines above and the channel chart for further channel information.

A list of currently authorised channels can also be obtained from the ACMA website in Australia and the MBIE website in New Zealand.

Interference / Poor Audio

NOTE
When a new narrowband radio receives a signal from an older wideband radio the speech may sound loud.

Narrowband radios operating on CH41 - CH80 may encounter interference from a nearby wideband radios transmitting on high power on an adjacent channel (frequency).

When an older wideband radio receives a signal from a new narrowband radio the speech may sound quiet - the wideband radio user simply adjusts their radio volume for best performance.

The above situations are not a fault of the radio but a symptom of mixed wideband and narrowband radios in current use. It is expected that as older wideband radios are phased out this issue will be eliminated.

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User License Information

USER LICENSE INFORMATION
The citizen band radio service is licenced in Australia by ACMA Radio-communications (Citizen Band Radio Stations) Class Licence and in New Zealand by MBIE General User Licence for Citizen Band Radio and operation is subject to conditions contained in those licenses.

WATER WARNING
Uniden does not represent this product to be waterproof. Do not expose this product to Rain or Moisture.

CTCSS Codes 01 - 38

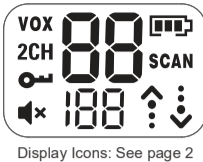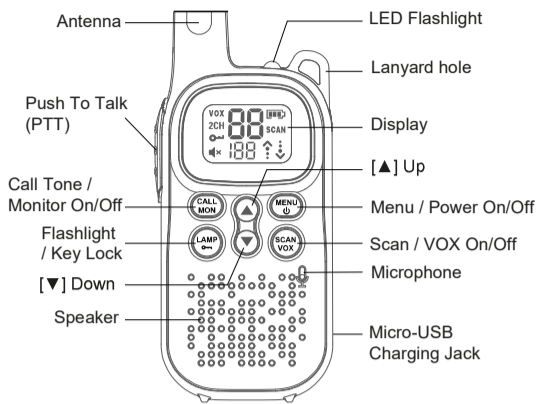| Code No	Frequency (Hz)	Code No	Frequency (Hz)	Code No	Frequency (Hz)	Code No	Frequency (Hz)
1	67	11	97.4	21	136.5	31	192.8
2	71.9	12	100	22	141.3	32	203.5
3	74.4	13	103.5	23	146.2	33	210.7
4	77	14	107.2	24	151.4	34	218.1
5	79.7	15	110.9	25	156.7	35	225.7
6	82.5	16	114.8	26	162.2	36	233.6
7	85.4	17	118.8	27	167.9	37	241.8
8	88.5	18	123	28	173.8	38	250.3
9	91.5	19	127.3	29	179.9		
10	94.8	20	131.8	30	186.2		

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WARRANTY

UNIDEN ADV05 Series UHF CB Transceiver

IMPORTANT: Satisfactory evidence of the original purchase is required for warranty service

Please refer to our Uniden website for any details or warranty durations offered in addition to those contained below.

Warrantor: The warrantor is Uniden Australia Pty Limited ABN 58 001 865 498 ("Uniden") .

Terms of Warranty: Uniden Aust warrants to the original retail purchaser only that the ADV05 Series ("the Product"), will be free from defects in materials and craftsmanship for the duration of the warranty period, subject to the limitations and exclusions set out below.

Warranty period: This warranty to the original retail purchaser is only valid in the original country of purchase for a Product first purchased either in Australia or New Zealand and will expire one (1) year from the date of the original retail sale.

If a warranty claim is made, this warranty will not apply if the Product is found by Uniden to be:

(A) Damaged or not maintained in a reasonable manner or as recommended in the relevant Uniden Owner's Manual;
(B) Modified, altered or used as part of any conversion kits, subassemblies or any configurations not sold by Uniden;
(C) Improperly installed contrary to instructions contained in the relevant Owner's Manual
(D) Repaired by someone other than an authorized Uniden Repair Agent in relation to a defect or malfunction covered by this warranty; or
(E) Used in conjunction with any equipment, parts or a system not manufactured by Uniden.

Parts Covered: This warranty covers the Product and included accessories.

User-generated Data: This warranty does not cover any claimed loss of or damage to user-generated data (including but without limitation phone numbers, addresses and images) that may be stored on your Product.

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Statement of Remedy: If the Product is found not to conform to this warranty as stated above, the Warrantor, at its discretion, will either repair the defect or replace the Product without any charge for parts or service. This warranty does not include any reimbursement or payment of any consequential damages claimed to arise from a Product's failure to comply with the warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is in addition to and sits alongside your rights under either the COMPETITION AND CONSUMER ACT 2010 (Australia) or the CONSUMER GUARANTEES ACT (New Zealand) as the case may be, none of which can be excluded.

Procedure for obtaining warranty service: Depending on the country in which the Product was first purchased, if you believe that your Product does not conform with this warranty, you should deliver the Product, together with satisfactory evidence of your original purchase (such as a legible copy of the sales docket) to Uniden at the address shown below. You should contact Uniden regarding any compensation that may be payable for your expenses incurred in making a warranty claim. Prior to delivery, we recommend that you make a backup copy of any phone numbers, images or other data stored on your Product, in case it is lost or damaged during warranty service.

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