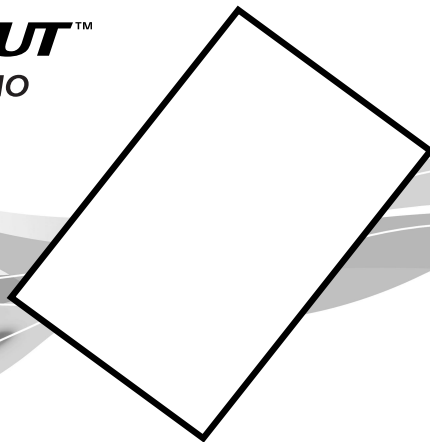




TALKABOUT™
TWO-WAY RADIO



Models T6300, T6310 and T6320

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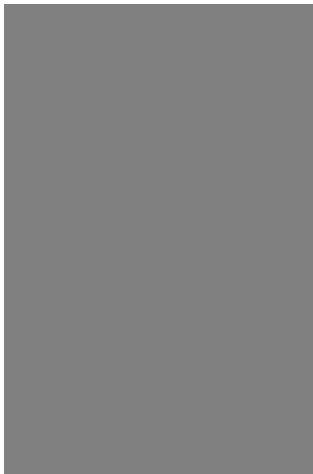
Safety Information

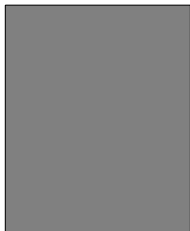
Getting Started

Hi, I'm QuickStart and I'm going help you get started.

The Motorola® TalkAbout™ T6300 radios are durable two-way radios that allow you to keep track and stay connected to family, friends and companions. And, when you use the special scrambling option, you can be sure that your group's communications stay private.

But, the T6300 radios offer more than just a way of keep in touch. They also help you and your group stay on schedule because a clock, an alarm and a stopwatch is built into each model.





The TalkAbout T6310 is a stylish, sophisticated two-way radio that offers FM stereo reception and weather information. It's fun and cool, a great accessory to take to the beach.

The Talkabout T6320 is rugged and sporty with special features to help you navigate the great outdoors. In addition to weather information, it offers a compass, an altimeter and a barometer.

Accessories ???

But, they all have something in common -- they are all easy to use. Just take a few minutes to read this user's guide and you're ready to go.

A detachable Quick Reference Card is on the back cover.



Installing AA Batteries

Your radio uses 3 AA-size alkaline batteries. When the battery is low,  appears on the standby screen.

((Does the radio emit a Low Battery Alert))

To install the batteries:

First	Then	Finally
		
• Turn off the radio (see page ?). • Push latch up until it clicks. • Lift back cover off.	• Remove old batteries, if necessary • Insert new batteries ??? polarity???	• Hook back cover on the hinges. • Close battery door, pressing lightly until latch clicks

Using the NiMH Battery and Charger

Your T6300 two-way radio can use a variety of Motorola power accessories. See “Accessories on page XXX” for more information.

An NiMH battery kit, consisting of the NiMH battery, adapter and charger, is included with some T6300 radios as well as sold separately as an accessory.

The (Nickel-Metal Hydride) NiMH rechargeable battery provides about 11 hours of normal use. Charge it for at least five hours before using it for the first time. The NiMH battery will only need 3 hours of charging thereafter.

Installing the NIMH battery:

First	Then	Finally
		
• Turn off the radio (see page ?). • Push latch up until it clicks. • Lift back cover off.	• Insert the NiMH battery with the contacts facing up	• Hook back cover on the hinges. • Close battery door, pressing lightly until the latch clicks

Charging the NiMH battery;

First	Then	Finally
		
• Turn off the radio (see page ?). • Plug the charger into a AC wall outlet	• Clamp the adapter onto the connectors on the back of the radio	• When the LED turns green, the battery is fully charged.

Note: The NIMH battery may be charged outside the radio by clamping the adapter directly on the battery.

Reading the LED light

The LED light indicates battery charging status. See “Charts” on page XXX for more information.

Controls -- Front View

Use  to --

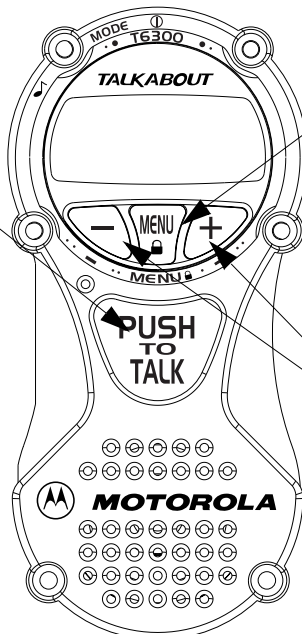
- Talk on the radio, etc.

??Microphone

??Speaker

??? Display

FM features



Use  to --

- To choose a menu
- To scroll through sub-menu choices

Use  and  to --

- Move up and down the a submenu, etc.
- Change a number

Controls -- Back View

Use ① to --

- Turn power on/off

Use . • to --

- Scroll through the menu

Use 🎵 to --

- Start and stop stopwatch
- ????



Accessory port

- Use to connect two-way radio accessories, such as ???

FM port

- Use to connect FM radio accessories, such as
- T6310 model only

Charger Connectors

- Use to connect the charger to the battery.

Turning On Your Radio

What about hide clock display???

Press	To Display	Then Press
①		???does an alert sound, can it be turned off by pressing anything else? any icons always appear, or do all of them.

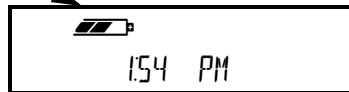
Standby Screen



Your radio displays the standby screen whenever it's turned on and nothing else is happening.

Most actions described in this guide start on the standby screen. It's very important!

Battery Status

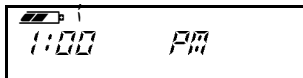


Time

Two-Way Menus



You can use your radio's menus to select options and set features. Let's look at them now. From --



Press	To Display	Then Press
• and release until you see each menu	TWO WAY	
	FM STEREO	
	TIME	
	STOPWATCH	

Press	To Display	Then Press
• and release until you see each menus	WEATHER SETTINGS	



FM STEREO only available on the T6310. WEATHER is only available on models T6310 and T6320. The T6320 also features a compass, an altimeter and a barometer.

Turning Off Your Radio



To turn off your radio, just press ①. The screen then goes blank.

Backlight

Being in the dark is never a problem. Just turn on the backlight by pressing any button, except the .

The backlight turns off automatically. To extend the backlight, you press the button again.



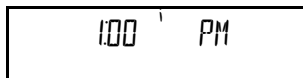
You light up my radio



Time



Here's how to set the time. **From --**



Press	To Display	Then Press
• until SET TIME appears		 to enter menu
		 or  to select
 and  to set the hour -- making sure to note AM/PM		 to move to next field
 or  to set the minutes		?? to set

Showing your clock display

??? do we want to include this???

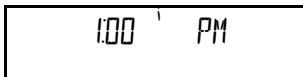
Choosing a 12 or 24 hour display

??? do we want to include this???

Alarm



Here's how to set the alarm. **From --**



Press	To Display	Then Press
• until <i>TIME</i> appears		to enter menu
until <i>SET ALARM</i> appears		or to select
and to select <i>ALARM ON</i> (or <i>ALARM OFF</i>)		to set
and to set hour		to move to next field
and to set the minutes		?? to set

"I'm all shook up."

Your alarm will now go off at the set time every day.

Your standby screen shows ?? to indicate the alarm is activated

Turning Off the Alarm

When the alarm sounds
-- TURN IT OFF ----
PLEASE!!!

By????

Alarm set



??screen displays??

Alerts

*You can program
how your radio alerts
you when a call
comes in.*



*VIB ONLY -- your radio
vibrates but doesn't
make any loud
noises.*



*RING-- your radio
RINGS when a call
comes in.*



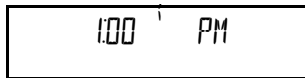
*VIB+RING-- your radio
vibrates and RINGS
when a call comes
in.*



*OFF - your radio
doesn't alert you
when a call comes
in.*



*Here's how to set
the alert. **From***



Setting the Alert for Incoming Calls

Press	To Display	Then Press
.• until SETTINGS appears	 SETTINGS	 to enter menu
 until SET VIB appears	 SET VIB	 or  to enter menu
 and  until your choice of alert appears	 VIB ONLY  RING  VIB RING  OFF	??? to select

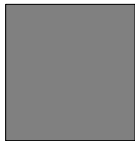
Talking

Before You Can Talk

You know how you can't really, REALLY talk to someone else unless you are both "on the same wavelength." and no one's interrupting?



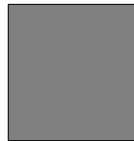
The channel is the radio frequency wave you use to transmit. See "Charts" on page XXX for channel choices.



Well, you can't talk with someone else on your two-way unless you are both on the channel and the same interference eliminator code.

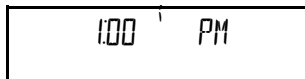


The interference eliminator code filters out static, noise and unwanted messages. See "Charts" on page XXX for channel choices.



Setting the Channel

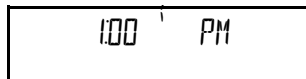
 Set the channel like this. ??? after setting the channel and code, a screen flashes -- what's this about???



Press	To Display	Then Press
• until <i>TWO WAY</i> appears		 to enter menu
 until <i>SET CHAN</i> appears		 or  to enter menu
 and  until your choice of channels displays		?? to set Note: If the sound isn't clear, change the channel/code setting.

Setting the Code

From --



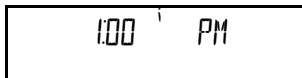
Press	To Display	Then Press
. • until <i>TWO WAY</i> appears	 <i>TWO WAY</i>	 to enter menu
 until <i>SET CODE</i> appears	 <i>SET CODE</i>	 or  to enter menu
 and  until your choice of code displays Note: Only the code scrolls, the channel stays the same.	 <i>11 0</i> channel code	?? to set Note: If the sound isn't clear, change the channel/code setting.

???how does someone know which channel/code to choose???

Turning On the Monitor



*The monitor function allows you to eavesdrop on a channel so you can tell whether it's currently being used. **From --***

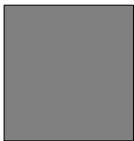


Press	To Display	Then Press
.• until <i>TWO WAY</i> appears	 <i>TWO WAY</i>	 to enter menu
 until <i>SET MON</i> appears™	 <i>SET MON</i>	 or  to enter
 or  until <i>MON ON</i> appears	 <i>MON ON</i>	??? to set

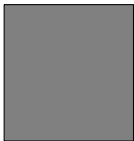
Note: To deactivate the monitor feature, select *MON OFF*. ???Any icon on screen, what happens if the user doesn't turn it on???

Talking

Can we talk? Well, you're almost ready. Just a couple things more -- but they're super easy.



Next, adjust the volume -- press  and  until it's just right.



First -- check to see if the channel your group is using is clear. Just press? -- if you hear static, its clear. If not, change channels.



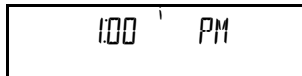
Now talk -- press  and talk.? to finish the call do???? does anything happen while its transmitting - LCD glowing, etc.



Hands Off Use



Explain features and benefits. From --



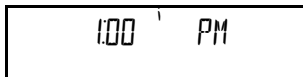
Press	To Display	Then Press
. • until SETTINGS appears	 SETTINGS	 to enter menu
 until SET VOX appears™	 SET VOX	 or  to enter
 or  until VOX ON appears	 VOX ON	??? to set

Note: To deactivate Hands Off use, select **VOX OFF**. Icon on screen, any other indication on radio???

Setting the Vox-Sensitivity Level



The Vox sensitivity levels allow you to compensate for background noise. From --

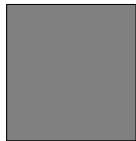


Press	To Display	Then Press
• until SETTINGS appears	 SETTINGS	 to enter menu
 until SET SENS appears	 SET SENS	 or  to enter
 or  until your choice of sensitivity level appears	 VOX HI	??? to set?? icon on screen



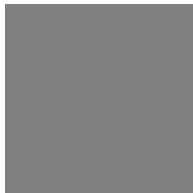
You can choose options VOX LO, VOX MED, and VOX HI. VOX MED is recommended for most situations, although you may need to experiment until you get the right setting.

Privacy



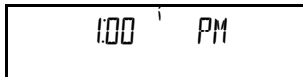
We all need to keep our conversations private. TalkAbout T6300 two-radio have some nifty features for making sure of this.

Set Quiet



The Set Quiet function prevents any two-way radio that is not a T6300 from???? This is great because????

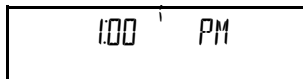
From --



Press	To Display	Then Press
. • until SETTINGS appears	 SETTINGS	 to enter menu
 until SETQUIET appears	 SETQUIET	 or  to enter
 or  until QUIET ON appears	 QUIET ON	??? to set

Note: To deactivate the Set Quiet feature, select **QUIET OFF**. ???Any icon on screen, what happens if the user doesn't turn it on???

Setting a Scramble Code From --

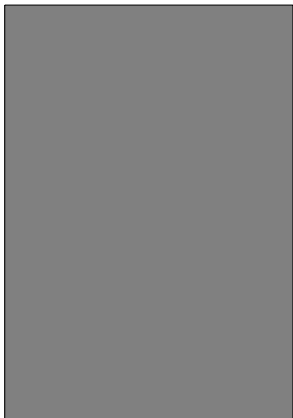


Press	To Display	Then Press
• until <i>TWO WAY</i> appears	 <i>TWO WAY</i>	 to enter menu
 until <i>SETSCRAM</i> appears	 <i>SETSCRAM</i>	 or  to enter
 or  until your choice of scramble code appears	 <i>SCRM 1</i>	??? to set Note: Choose <i>SCRM OFF</i> to deactivate scramble.

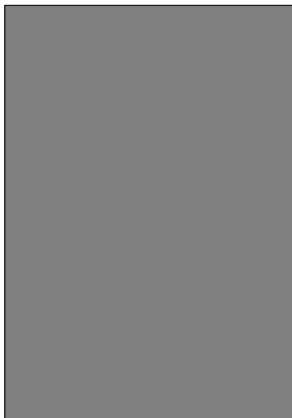
Note: Any icon on screen,

Stop Watch

You can time your activities by using the stopwatch on your radio.



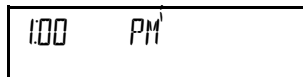
You can use your stopwatch to time your calls.



Timing Your Activities



From --



Press	To Display	Then Press
.• until SETTINGS appears		to enter menu
until STPWATCH appears		
to begin stopwatch		to stop

Note: To reset the stopwatch ???

Timing Your Call



You can also time your calls. This is useful because????

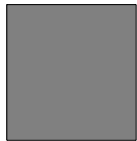
While talking

Press	To Display	Then Press

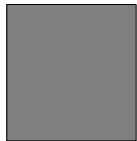
Note: To reset the stopwatch ???

Weather (T6310 & T6320)

You won't find yourself stuck in the rain, or snow, or hail when you tune in to your radio's weather channel.



It even alerts you when a new weather advisory is received.



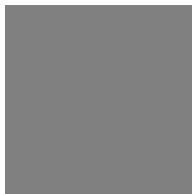
*Your two-way radio receives seven weather channels?????
???Provide info and benefits??*



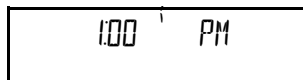
The weather channel is only available on models T6310 and T6320. Other restrictions???/



Turning On the Weather



*First off -- you have to “turn on” the weather. No that doesn’t mean you need to get a rainmaker or call Mr. Freeze. You have to activate the reception of weather channels on your radio. Here’s how. **From --***



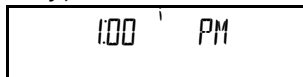
Press	To Display	Then Press
.• until WEATHER appears	 WEATHER	 to enter menu
 until SET WEA appears	 SET WEA	 or  to enter
 or  until WEA ON appears	 WEA ON	??? to set

Note: To deactivate weather channel reception, select **WEA OFF**.

Setting the Weather Channel



*Your radios can tune in to seven different weather channels.
(Explain channels briefly) From --*



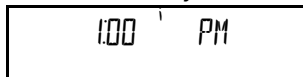
Press	To Display	Then Press
• until <i>WEATHER</i> appears	 <i>WEATHER</i>	 to enter menu
 until <i>SET CHAN</i> appears	 <i>SET CHAN</i>	 or  to enter menu
 and  until your choice of weather channel appears.	 <i>CHAN 1</i>	?? to set

??does the radio emit a sample of each channel as it scrolls through. Does an icon appear on the standby screen???

Setting the Alert for Weather Advisories



*You can also program your 2way radio to alert when there's a new weather advisory. Here's how. **From --***

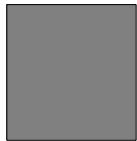


Press	To Display	Then Press
. • until <i>WEATHER</i> appears	 <i>WEATHER</i>	 to enter menu
 until <i>SET ALERT</i> appears	 <i>SET ALERT</i>	 or  to enter
 or  until <i>ALERT ON</i> appears	 <i>ALERT ON</i>	??? to set

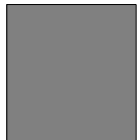
Note: ??what alert sounds??, does the standby screen change.

FM Stereo (T6310)

Your T6310 has an FM radio, to let you tune in and tune out, stay cool and hip wherever you go.



Advanced features allow you to preset FM stations and tune the receiver for better reception.



Your radio allows you to search for FM stations in the area.



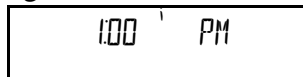
The FM stereo reception is only available on the T6310 model. Other restrictions???/ does the stereo headset come with the T6310 or sold separately????



Turning On the FM



Turning the radio is easy here's how.????can the user still receive messages???. **From --**

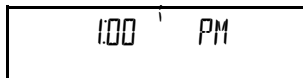


Press	To Display	Then Press
. • until <i>FM STEREO</i> appears	 <i>FM STEREO</i>	 to enter menu
 until <i>SET FM</i> appears	 <i>SET FM</i>	 or  to enter
 or  until <i>FM ON</i> appears	 <i>FM ON</i>	??? to set

Note: To deactivate FM stereo reception, select *FM OFF*. ANY ICON ON SCREEN, HEADSET??

Finding an FM Station

 Finding a cool station when you are in a new area is easy with your radio's SEEK FM feature. It scans the airwaves for active radio stations, stopping at each one. **From --**



Press	To Display	Then Press
• until FM STEREO appears		 to enter menu
 until SEEK FM appears		 or  to enter menu
 and  until your choice of stations appears	 	?? to set Note: ??? any change to standby screen.

Tuning Your FM

 This feature allows you to change the FM radio station setting by increments of 2. This benefits the user how????

From --

100 PM

Press	To Display	Then Press
. • until FM STEREO appears	 FM STEREO	 to enter menu
 until TUNE FM appears	 TUNE FM	 or  to enter menu
 and  until reception is clearest	 98.7 FM	?? to set

Note: Any change to the standby screen, any icons flashing, etc.

Preset FM Stations

?????how does this work??? describe feature and benefit briefly??/

????The Set2Way command -- is this something that allows you to receive calls and play the radio??

Outdoors (T6320)

Barometer

Altimeter

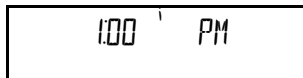
Compass

Advanced Two-Way Roger Beeps



Roger -- Over. Whenever you turn on the Roger Beep feature, your two-way radio will beep when you finish transmitting. It's like saying "Roger--Over" Here's how.

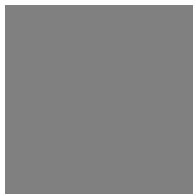
From --



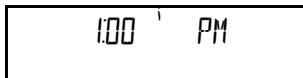
Press	To Display	Then Press
.• until SETTINGS appears	 SETTINGS	 to enter menu
 until SETRoger appears	 SETRoger	 or  to enter
 or  until ROGER ON appears	 ROGER ON	??? to set

Note: To deactivate the Roger beeps, select **ROGER OFF**. ???Any icon on screen, is it the same alert chosen before or a different sound?

Button Beeps



The button beeps feature makes the radio alert every time you press a button. That way you can tell if your action 'took.' **From --**



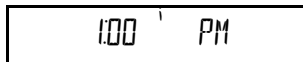
Press	To Display	Then Press
. • until SETTINGS appears	 SETTINGS	 to enter menu
 until SET BEEPS appears	 SET BEEPS	 or  to enter
 or  until BEEPS ON appears	 BEEPS ON	??? to set

Note: To deactivate the button beeps, select **BEEPS OFF**. ???Any icon on screen, is it the same alert chosen before or a different sound?

Automatic Shut Off



You can program your radio to turn it off after a certain time of inactivity. Here's how. **From --**



Press	To Display	Then Press
• until TWO WAY appears	 TWO WAY	 to enter menu
 until SETPWRDWN appears	 SETPWRDWN	 or  to enter
 or  until your choice of scramble code appears	 HOURS 3	??? to set
Note: You can choose HOURS 0 -- 7 .		Note: Choose HOURS -- to deactivate automatic shut off.

Note: Any icon on screen,

Reset

Key Pad Locks

Menu Lock

 *Make sure your settings won't be changed accidentally. Just turn on the menu lock by pressing  for 3 seconds.*

Locked Screen  displays



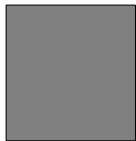
Note: Deactivate by????

Child Lock

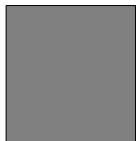
??? Need more information -- how is it different from the menu lock??
activated by pressing  for 10 seconds, deactivate how?? icon on screen???

Channel Scanning

Well, what about when you just want to find other transmitting two-way radios and strike up a conversation.



By using the Scan feature, you can monitor channels and codes for transmissions and lock in on the one you are interested.



Hard to do 'cause you don't know their channels or codes. But, don't worry with your TalkAbout two-way radio you won't be lonely.



You don't have to set a new channel or code, the radio just resets itself and you start talking.



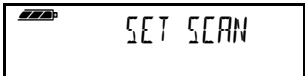
Here's how it works.

Turning on Channel Scanning

But, first you have to turn it on.

From --

1:00 PM

Press	To Display	Then Press
. • until SETTINGS appears		 to enter menu
 until SET SCAN appears		 or  to enter
 or  until SCAN ON appears		??? to set

Note: To deactivate the Set Quiet feature, select **SCAN OFF**.???Any icon on screen, what happens if the user doesn't turn it on???

Scanning



Scanning is easy. Just press??? and your Talk-About will start scanning channels and codes.

This screen will flash to let you know that the scanning function is working.

To lock on a channel???

Note: If you want to scan channels without Interference Eliminator Codes, change your code to zero. See Setting the Code on page XXX for more information.

*Scan List -- does this feature apply???? Any other scanning screens -
- there seems one that comes on and off on my unit??/*

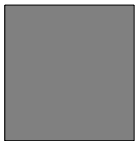
Scanning Screen

Scanning
Icon?

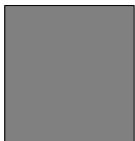


Call Tone

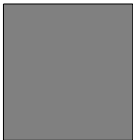
It's so important for your companions to know you are calling.



Just press ?? before you start talking and the radio will transmit a unique sound to others on the same channel and code.



Your TalkAbout Two-Way radio has 10 call tones to identify the sender and alert the receiver.

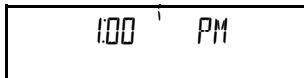


Can user have different call tones for each channel, what sound is it???If alert tones are disabled ---



Turning on Call Tone

From --



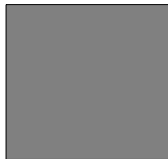
Press	To Display	Then Press
• until <i>TWO WAY</i> appears	 <i>TWO WAY</i>	 to enter menu
 until <i>SET CALL</i> appears	 <i>SET CALL</i>	 or  to enter
 or  until your choice of call tone appears	 <i>SET 1</i>	??? to set

Note: Call tone codes 1 through 10 are available.

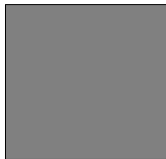
Note: Does the radio emit a sample of the call tone. Any icon on screen, how to deactivate call tone?

Use and Care

Talking Range



Not less than 5 feet
apart



Or more than two miles
apart



Harder if obstacles in
the way

Care and Maintenance



Clean with soap and
water on a soft cloth



Do not immerse in
water.



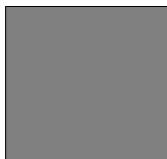
Do not use alcohol or
cleaning solutions.

If the radio gets wet...

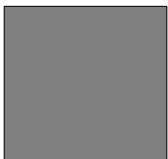
Turn it off and remove batteries.



Dry with soft cloth.



Do not use until completely dry.

Contact Information.

Repairs -- Phone #s



Warranty -- Phone #s



Questions Phone #s.

Attaching the Belt Clip

Your radio comes with a belt clip for easy carrying. To attach the belt clip:

First	Then	Finally
		
• Squeeze the clip as shown.	• Insert into the accessory connector on the back of the phone.	• Release clip.

FAQs

???? see suggested list below???

Question: *The radio doesn't power up.*

Answer: *Reposition or replace alkaline batteries.
Recharge or replace NiMH battery*

Question: *Message not transmitted?*

Answer: *Make sure  fully depressed while talking
Reposition, replace or recharge batteries.*

Question: *Message not received.*

Answer: *Make sure that radios have same channel and codes
Change your location
Reposition, replace or recharge batteries.
Make sure volume is turned up.
Make sure  is not pressed.*

Question: *Hearing Noise or Another Conversation*

Answer: *Make sure Interference Eliminator Code is set*

Try another Channel or Code

Question: *Talk range is limited*

Answer: *Check for obstacles and interference. Move to clear sight position.*

Don't wear radio close to body.

Question: *Hearing heavy static or interference.*

Answer: *Radios too close -- move to at least 5 feet apart.*

Radios too far away -- can't be more than 2 miles apart

Change location -- make sure no obstacles in the way.

Question: *Channel Code is locked*

Answer: *Unlock it. How???*

Question: *Low Batteries*

Answer: *Replace or recharge batteries.*

Accessories

TalkAbout T6300 series radios have specially designed accessories to improve the quality of use -- these are ---

NiMH battery

NiMH battery upgrade kit

Ear piece with Boom Mic	Comfortable, lightweight headset eliminates background noise and makes it easy to use hands off transmission
-------------------------	--

Bike Mount	?is this the helmet accessory??
------------	---------------------------------

Vehicular Power Adapter	?? is this the cigarette lighter adapter??/
-------------------------	---

Arm Pack/Belt Carry Case

??? Are these the correct names?? Which are included with the radio??

In addition, TalkAbout T6300 radios can use other Motorola TalkAbout accessories, including --

-

Remote Speaker Mic

Headset with Swivel Boom
Mic

Earbud

Discreet, lightweight ear piece that fits comfortably inside the ear. Allows clear reception without disturbing others.

Earbud with PTT Mic

The above with a hand-operated lapel or collar mounted microphone.

Flexible Ear Receiver

?? is this the cigarette lighter adapter??/

Waterproof Bag

Call 1-800-353-2729 for more information on how to order or visit our web site at www.motorola.com

Charts

The channel/frequency and Interference Eliminator Code charts on these pages provide frequency and code compatibility information. These charts are useful when using TalkAbout two-way radios with other two-way radios.

Channel Frequency Chart			
Channel	MHz	Channel	MHz
1	462.5625	8	467.5625
2	462.5875	9	467.5875
3	462.6125	10	467.6125
4	462.6375	11	467.6375
5	462.6625	12	467.6625
6	462.6875	13	467.6875
7	462.7125	14	467.7125

Interference Eliminator Code Chart

TalkAbout Code	Hz Freq	7/7x Code	TalkAbout Code	Hz Freq	7/7x Code
1	67.0	A	11	97.4	C
2	71.9		12	100.0	
3	74.4		13	103.5	
4	77.0		14	107.2	
5	79.7		15	110.9	
6	82.5		16	114.8	
7	85.4		17	118.8	
8	88.5	B	18	123.0	
9	91.5		19	127.3	F
10	94.8		20	131.8	

Interference Eliminator Code Chart

TalkAbout Code	Hz Freq	7/7x Code	TalkAbout Code	Hz Freq	7/7x Code
21	136.5	G	30	186.2	
22	141.3		31	192.8	
23	146.2		32	203.5	
24	151.4		33	210.7	
25	156.7		34	218.1	
26	162.2		35	225.7	
27	167.9		36	233.6	
28	173.8		37	241.8	
29	179.9		18	250.3	

Note: Carrier Squelch (0) disables Interference Eliminator Codes. This allows you to monitor all activity on the channel you are using

Reading your LED light.

LED Color	Charging Status
Solid Red	Charging
Flashing Green	Almost finished
Solid Green	Fully charged
Flashing Red	Something wrong with battery
Flashing Yellow	Something wrong with temperature

Safety Information

Exposure to Radio Frequency Energy

The design of your Motorola two-way radio, which generates radio frequency (RF) electromagnetic energy (EME), is designed to comply with the following national and international standards and guidelines regarding exposure to human beings to radio frequency electromagnetic energy.

- FCC Report and Order FCC 96-325 (August, 1996)
- American National Standards Institute (C95-1 - 1992)
- National Council on Radiation Protection and Measurements (NCRP - 1986)
- International Commission On Non-Ionizing Radiation Protection (ICNRP - 1986.)
- European Committee for Electrotechnical Standardization (CEN-ELEC)
 - Env. 50166 - 1 1995E - Human Exposure to Electromagnetic Fields Low Frequency (0Hz to 10 kHz)

- Env. 50166 -2 1995E - Human Exposure to Electromagnetic Fields High Frequency (10kHz to 300 kHz)
- Proceeding of SC211/8 1996 - Safety Considerations for Human Exposure to EMFs from Mobile Telecommunications Equipment (MTE) in the Frequency Range 30 MHz - 6 GHz (EMF - Electromagnetic Fields).

To assure optimal radio performance and to ensure that exposure to RF energy is within the guidelines in the above standards, the following operating procedures should be observed:

- When transmitting with a two-way portable radio, hold radio in a vertical position with its microphone 2-3 inches (5.0 to 7.5 cm) away from your mouth.
- Keep antenna at least 1 inch (2.5 cm) from your head and body.
- If you wear a portable radio on your body, ensure that the antenna is at least one inch (2.5 cm) from your body when transmitting.

Electromagnetic Interference Compatibility

Nearly every electronic device is susceptible to electromagnetic

interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

- Turn your radio OFF in any facilities where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.
- Turn your radio off when on board aircraft when instructed to do so. Any use of the radio must be in accordance with airline regulations or crew instructions.

Damaged Antennas

Do not use the radio with a damaged antenna. If a damaged antenna comes in contact with the skin, a minor burn may result.

Batteries

All batteries can cause property damage and/or bodily injury or burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a

pocket, purse or other container with metal objects.

For Vehicles with an Air Bag

Do not place a portable radio in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio may be propelled with great force and cause serious injury to occupants of vehicle.

Potentially Explosive Atmospheres

Turn your radio OFF when in any area with a potentially explosive atmosphere, unless it is a type especially qualified for such use (for example, Factory Mutual Approved). Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Batteries

Do not replace or charge batteries in a potentially explosive atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion.

To avoid possible interference with blasting operations, turn your

radio OFF near electrical blasting caps or in a “blasting area” or in areas posted: “Turn off two-way radio.” Obey all signs and instructions.

Note: Areas with potentially explosive atmospheres are often, but not always, clearly marked. They include fuelling areas such as below deck on boats, fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other where you would normally be advised to turn off your vehicle engine.

Charging Safety Instructions

Before using the battery charger, read all instructions and cautionary markings on,

1. the battery
2. battery charger, and
3. the radio using the battery.

Caution

To reduce the risk of injury, charge only the rechargeable batteries listed. Other types of batteries may burst, causing personal injury

and damage.

Single-Unit Charger

Kit Number	Description
NTN8871	110V - NiMH Charging Adapter
NTN9150	110V - NiMH Charging Adapter

Batteries

Kit Number	Capacity in milliampere-hour mAH/ Descriptor/Composition
HNN 9720	750 mAH/T289/280 SLK/NiMH

???? I don't think these numbers are right???

Save these Instructions

1. Do not expose the charger to rain or snow.
2. Do not operate the charger if it has received a sharp blow, or has been dropped or damaged in any way.

3. Do not disassemble the charger if it has received a sharp blow, or has been dropped or damaged in any way.
4. Never alter the AC cord or plug provided with the unit. If plug will not fit the outlet, have proper outlet installed by a qualified electrician. An improper condition can result in a risk of electric shock.
5. To reduce risk of damage to cord or plug, pull the plug rather than the cord when disconnecting charger from AC receptacle.
6. To reduce the risk of electric shock, unplug the charger from the outlet before attempting any maintenance or cleaning.
7. Use of an attachment not recommended or sold by Motorola may result in a risk of fire, electric shock, or personal injury.
8. Make sure that the cord is located so that it will not be stepped on, tripped over, or subjected to damage or stress.
9. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and/or electric shock. If an extension cord must be used, make sure:
 - That the pins on the plug of the extension cord are the same

- Number, size and shape as those on the plug of the charger.
 - That the extension cord is properly wired and in good electrical condition, and
 - That the cord size 18 AWG for lengths up to 100 feet, and 16 AWG for lengths up to 150 feet.
10. The supply cord of this charger cannot be replaced. If the cord is damaged, the charger should be discarded or returned to the point of purchase if within 90 days of purchase.

Computer Software Copyrights

The Motorola equipment described in this manual may included copyrighted Motorola computer programs stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted computer programs, including the exclusive right to copy or reproduce in any form the copyrighted computer program. Accordingly, any copyrighted Motorola computer programs contained in the Motorola equipment described in this manual may not be copied or reproduced in any manner without the express permission of Motor-

ola, Inc. Furthermore, the purchase of Motorola equipment shall not be deemed to grant either directly or by implication, estoppel, or otherwise any license under the copyrights, patents or patent applications of Motorola, except for the normal nonexclusive, royalty free license to use arising by operation of law in the sale of this product.

FCC License Not Required

Changes or modifications not expressly approved by Motorola may void the user's authority granted by the FCC to operate this radio and should not be made. To comply with FCC requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

Patent Notice

This product is covered by one or more of the following United States

patents.

????? which patent numbers????

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The governments of the United States and Canada may restrict exportation and re-exportation of this product to certain destinations. For further information, contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Personal Numbers



Just one more thing... You can use this page to keep track of important information, frequencies and codes.

Frequency / Codes

????

????

????



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