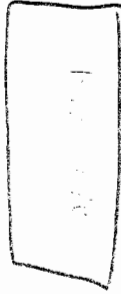
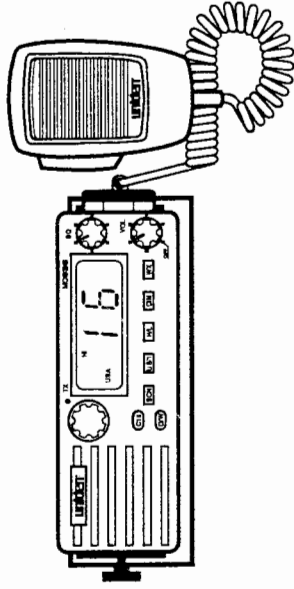


uniden®

MC 635

VHF Marine Radio



Operating Guide

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UNIDEN MC 635

The **UNIDEN MC 635** VHF marine radio transceiver has been designed to give you a rugged, reliable instrument that will provide you with years of trouble-free service.

With proper care and maintenance, your **UNIDEN MC 635** will outlast your present vessel and serve you well on-board several more. The full features and flexibility designed into this quality transceiver will prevent it from becoming obsolete regardless of changes in craft or geographic locations.

The technical excellence of the **UNIDEN MC 635** is demonstrated by the multiplicity of uses for which it has been found acceptable by the U.S. Federal Communications Commission. The **UNIDEN MC 635** is acceptable for compulsory use on "party boats," for use on vessels subject to the Great Lakes Radio Agreement or bridge-to-bridge requirements, for general pleasure and commercial vessels, and certain land stations in marine service.

The **UNIDEN MC 635** is of all solid state design with conservatively rated rugged components and materials compatible with the marine environment. The transceiver utilizes a number of gaskets, sealing rings, waterproof membranes, and other sealants to effect a splashproof housing for protection of the electronics. The unit may be mounted in any number of convenient locations on your vessel by utilizing the universal mounting bracket.

You are encouraged to thoroughly read the rest of this Operating Guide to acquaint yourself with the characteristics and operation of your transceiver so that you can contribute to the longevity of your investment.

Be sure to complete the Product Registration Card at the back of this Guide, cut it out and mail it. You also need to complete the enclosed Warranty Registration Card and mail it.

Keep your receipt as proof-of-purchase in case warranty service is required.

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INSTALLATION

CAUTION: *The MC 635 will operate only with nominal 12 volt negative ground battery systems.*

It is important to carefully determine the most suitable location for your MC 635 on your vessel. Electrical, mechanical, and environmental considerations must all be taken into account. You must select the optimum relationship among these considerations.

Keep in mind the flexibility designed into the MC 635 so that you can most conveniently use your radio. Features which should be considered are:

1. The universal mounting bracket may be installed on either the top or bottom of a shelf, on a bulkhead, or for overhead mounting.
2. The REMOTE speaker jack can be used with an auxiliary speaker.
3. All connections are "plug-in" type for easy removal of the radio.

CHOOSING A LOCATION

Some important factors to consider in selecting the location for your MC 635:

1. Select a location that is free from spray and splash.
2. Keep the battery leads as short as possible. Direct connection to the battery is most desirable. If direct connection cannot be made with the supplied power lead, any extension should be made with #10 AWG wire. Long extensions should use larger gauge wire.
3. Keep the antenna lead as short as possible. Long antenna leads can cause substantial loss of performance for both receiving and transmitting.
4. Locate your antenna as high as possible and clear from metal objects. The reliable range of coverage is a direct function of antenna height.
5. Select a location that does not allow the radio to be subjected to direct sunlight (including that coming through windows).
6. Select a location that allows free air flow around the heat sink on the rear of the radio.
7. Select a location well away from the ship's compass. Auxiliary speakers also should be located away from the compass.

ENGINE NOISE SUPPRESSION

Interference from the impulse noise generated by the electrical systems of engines is sometimes a problem with radios. The MC 635 has been designed to be essentially impervious to ignition impulse noise and alternator noise. However, in some installations it may be necessary to take measures to further reduce the effect of noise interference. All DC battery wires, antenna lead, and accessory cables should be routed away from the engine and engine compartment, and from power cabling carrying particularly high currents.

In severe cases of impulse noise interference, it may be necessary to install a noise suppression kit. Contact your UNIDEN Dealer for more information.

ANTENNA CONSIDERATIONS

A variety of antennas is available from a number of quality suppliers. It is recommended you draw upon the advice of your UNIDEN Dealer in determining a suitable antenna for your vessel and range requirements.

In general, communication range is increased by using a high-gain antenna placed as high as possible above the water line. Antennas should be located away from metal objects. Antennas should not have excessively long coaxial feed cables.

INSTALLING THE MC 635

After you have carefully considered the various factors affecting your choice of location, position the radio (with the bracket, microphone power cord, antenna and any auxiliary cables installed) into the selected location to assure there is no interference with the surrounding items. Mark the location of the mounting bracket. Remove the bracket from the radio and use it as a template to mark the holes to be drilled for the mounting hardware. Drill the holes and mount the bracket with hardware compatible with the material of the mounting surface.

Connect the red wire of the supplied power cord to the positive (+) battery supply. Connect the black wire of the power cord to ground. The power cord is equipped with a fuse to protect the radio. Use only a Six (6) AMPERE fast blow fuse for replacement. Connect the power cord to the keyed connector on the power "pigtail" (See page 6).

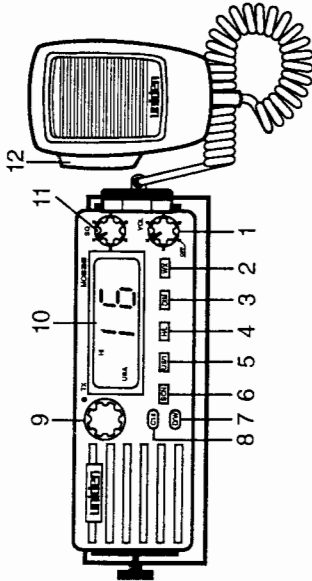
Connect the antenna and all other auxiliary cables and accessories.

Install the radio in the mounting bracket and connect all cables and accessories to the appropriate jacks and connectors.

CONTROLS AND INDICATORS

NOTE: For details of use of these Controls, see the *OPERATION* section

FRONT PANEL CONTROLS



- VOL (On/Off/Volume)** - Turns the **MC 635** power On or Off and varies the audio output.
- WX (Weather)** - Used to scan only Weather Channels 0 - 9.
- DIM** - This control is used to adjust the brightness of the **LCD Panel** backlight, and the brightness of the **TX** indicator. The **LCD Panel** backlight and **TX** indicator are at the brightest level when the **MC 635** is turned on.
- H/L (High/Low)** - Controls transmitter output power (25 Watt, where allowed, or 1 Watt). The output power is 25 Watts when the **MC 635** is turned on.
- USA (United States/International)** - Switches operation between US and International Channels.
- SCAN (Scan)** - Used to start timed Scan (**SEEK**), switch to standard Scan (**SCAN**), and to resume scanning when stopped on a Channel.
- DW (Dual Watch)** - Turns Dual Watch On/Off.

8. **C16 (Channel 16)** - Controls access to instant Channel 16 communications.

9. **Rotary Channel Selector** - This control is used to manually select the desired Communication Channel (01 - 28 and 60 - 88), or Weather Channel (0 - 9).

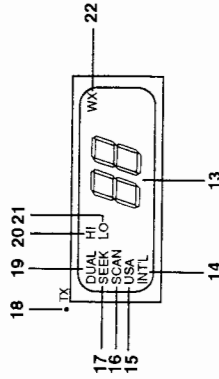
10. **LCD Panel** - Indicators for **DUAL**, **SEEK**, **SCAN**, **USA**, **INT'L**, **HI**, **LO**, **WX**, and Channel Number.

NOTE: Refer to "INDICATORS" for detailed indicator descriptions.

11. **SQ (Squelch)** - Eliminates the background noise when no signal is being received.

12. **Press-To-Talk Switch** - Press to transmit; release to receive.

INDICATORS



13. **LCD Numerical Channel Display** - Indicates Channel Number in use. Weather Channels are displayed as single digits. (Example: 0, 1, 2, 3, etc.) Communication Channels are displayed as two digits (Example: 01, 02, 03, etc.).

NOTE: LCD Status Indicators appear when status is selected by pressing the corresponding button.

14. **INT'L (International)** - Indicates International Channel Mode.

15. **USA** - Indicates US Channel Mode.

16. **SCAN** - Indicates Normal Scan Mode.

17. **SEEK** - Indicates Timed Scan Mode on Communication Channels.

OPERATION

1. Turn the unit On by rotating the VOL control clockwise.
2. Adjust the SQ control counterclockwise until you hear background noise; then turn it clockwise until the noise just disappears.

DUAL WATCH

Dual Watch monitors Channel 16 for activity every two seconds while scanning or monitoring.

To activate Dual Watch, Press **DW** while in any mode. The **DUAL** indicator will appear on the LCD Panel, indicating Dual Watch Mode. If a signal is received on Channel 16, the radio remains on Channel 16 until the signal ends.

Press **DW** again to cancel Dual Watch Mode.

MANUAL TUNING

To manually select a channel, rotate the **Rotary Channel Selector** to the desired channel. Weather Channels are located on Channels 0 - 9. Communication Channels are located on Channels 01 - 28 and 60 - 88.

TIMED SCAN (SEEK)

Press **SCN** to start **SEEK** (Timed Scan).

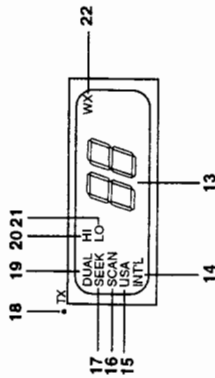
When **SCN** is pressed for the first time after the **MC 635** is turned on, scanning will be in the **SEEK** (Timed Scan) Mode, and **SEEK** and **DUAL** will display on the LCD Panel.

The radio scans for active Communication Channels except for Channel 16. (CH 16 is not included in the Scan cycle.)

Notice that Dual Watch is on automatically to cover CH 16 as well.

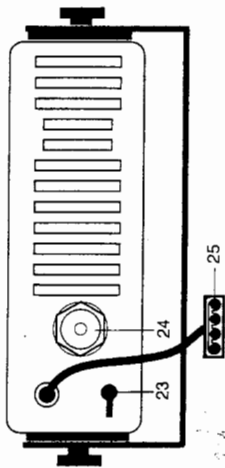
If there is too much activity on CH 16, and you wish to exclude it from **SEEK**, Press **DW** to cancel Dual Watch. (**DUAL** no longer displays on the LCD Panel.)

In **SEEK**, the radio stops on the first active channel and stays on for 4 (four) seconds, then resumes Timed Scanning to the next active channel.



18. TX (Transmit) - LED lights when transmitting.
19. DUAL (Dual Watch) - Indicates Dual Watch Mode.
20. HI (High) - Indicates transmitted output is 25 Watts.
21. LO (Low) - Indicates transmitted output is 1 Watt.
22. WX (Weather) - Indicates Weather Channels.

REAR PANEL CONNECTORS



23. Remote Speaker Connector - An external 4 ohm, 4 watt speaker may be connected to this jack. The connecting wire must have a miniature plug.
24. Antenna Connector - Connect the antenna here using a type PL259 connector.
25. DC Power "Pigtail" and Connector - Connect supplied power cord to the keyed connector.

NORMAL SCAN (SCAN)

Press and Hold **SCN** until **SEEK** goes off and **SCAN** displays on the LCD Panel. This changes the scanning from Timed Scan to Normal Scan.

In Normal Scan, the radio will stop on the first active channel and stay until the signal is gone, or **SCN** is pressed to resume scanning.

Notice that Dual Watch is on automatically to cover CH 16 as well.

If there is too much activity on CH 16, and you wish to exclude it from **SEEK**, Press **DW** to cancel Dual Watch. (**DUAL** no longer displays on the LCD Panel.)

To cancel scanning:

- Press **Press-To-Talk**, or
- Press **C16**, or
- turn the **Rotary Channel Selector**, or
- turn the power off.

NOTE: DW, US/I, DIM and H/L work without interrupting the Scanning Mode.

WEATHER SCAN

To scan only Weather Channels 0-9, Press **WX**. The **WX** indicator will appear on the LCD Panel, indicating Weather Mode. Timed Scan (**SEEK**) will not function in Weather Mode.

Press **SCN** to switch to Timed Scanning of Communication Channels, or Press and Hold **SCN** until **SCAN** appears on the LCD Panel, or Normal Scanning of Communication Channels.

INSTANT CHANNEL 16 COMMUNICATIONS

To access instant Channel 16 communications, Press **C16**. This overrides the channel selected with the **Rotary Channel Selector**. The **Channel Display** will indicate the unit is on Channel 16. Press **C16** again to release the switch (Off) and the transceiver will return to the channel selected prior to accessing instant Channel 16 communications. The **Channel Display** will indicate the selected channel.

To cancel Channel 16 communications:

- Press **C16**, or
- Press **SCN**, or
- Press **WX**, or
- turn the **Rotary Channel Selector**.

NOTE: DW, US/I, H/L and DIM work without interrupting Channel 16 Mode.

US/INTERNATIONAL CHANNELS

To select operation (communication and scanning) on US Channels, Press **US/I**. **USA** will appear on the LCD Panel.

To select operation (communication and scanning) on International Channels, Press **US/I**. **INT'L** will appear on the LCD Panel.

TRANSMITTING

When the power is turned on, the transmitter is set for 25 Watts (except for USA Channels 13 and 67). The **HI** indicator will appear on the LCD Panel, indicating 25-Watt output power. In order to comply with FCC Regulations contained in 47 CFR 80.215 (g) (3), USA Channels 13 and 67 transmit at 1 Watt regardless of the **H/L** selector setting. However, 25 Watt output for emergency use is available by pressing **H/L** while pressing the **Press-To-Talk** switch. When the **H/L** switch is released, the radio returns to the 1 Watt position.

To switch to the LO (1 Watt) position, Press **H/L**. The **LO** indicator will appear on the LCD Panel, indicating 1 Watt output power. The **LO** position should always be used for in-port or short range communications.

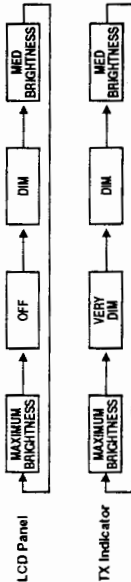
Press **H/L** to switch to the HI (25 Watt) position. The **HI** indicator will appear on the LCD Panel, indicating 25 Watt output power.

To activate the transmitter, Press the **Press-To-Talk** switch on the microphone. The **TX LED** indicator will light, indicating a signal is being transmitted. Release the switch to receive. When transmitting, hold the microphone approximately two inches from your mouth and speak clearly in a normal voice. The microphone provided with your radio is a 500 ohm dynamic type.

NOTE: You cannot transmit on Weather Channels 0-9 or Channel 15. The Channel Number in the LCD Panel will blink to indicate these channels are "receive-only".

DIMMING THE LCD DISPLAY BACKLIGHT AND THE TX INDICATOR

When the MC 635 is turned on, the LCD Panel and TX LED will be brightest. Successive presses of the DIM button will change the brightness.



Note that the TX LED is not turned Off by the DIM button.

OPTIONAL ACCESSORIES

Flush mounting bracket for "in dash" installation.
 Contact your Uniden Marine Dealer for information.

VHF FM MARINE RADIO/TELEPHONE CHANNELS AND FUNCTIONS (U.S.A. CHANNELS)

CHANNEL DESIGN.	FREQUENCY (MHz) TRANSMIT	FREQUENCY (MHz) RECEIVE	TYPE OF TELETYPE	SHIP TO SHIP	SHIP TO SHORE	PERMANENT SCAN LIST
WX0	183.275	183.275	NOAA Weather	RX Only	RX Only	Weather
WX1	182.500	182.500	NOAA Weather	RX Only	RX Only	Weather
WX2	182.400	182.400	NOAA Weather	RX Only	RX Only	Weather
WX3	182.425	182.425	NOAA Weather	RX Only	RX Only	Weather
WX4	182.450	182.450	NOAA Weather	RX Only	RX Only	Weather
WX5	182.500	182.500	NOAA Weather	RX Only	RX Only	Weather
WX6	181.875	181.875	NOAA Weather	RX Only	RX Only	Weather
WX7	181.850	181.850	Can	RX Only	RX Only	Weather
WX8	181.775	181.775	Can	RX Only	RX Only	Weather
01	156.050	156.050	VTS	Yes	Yes	
02	156.100	156.100	Port Ops	Yes	Yes	
03	156.150	156.150	Port Ops	Yes	Yes	
04	156.200	156.200	Port Ops	Yes	Yes	
05	156.250	156.250	VTS	Yes	Yes	
06	156.300	156.300	Can	Yes	Yes	
07	156.350	156.350	Can	Yes	Yes	
08	156.400	156.400	Com1	Yes	No	
09	156.450	156.450	Com1 & Non Com1	Yes	Yes	
10	156.500	156.500	Com1	Yes	Yes	
11	156.550	156.550	Com1	Yes	Yes	
12	156.600	156.600	Port Ops	Yes	Yes	
13	156.650	156.650	Port Ops	Yes	Yes	
14	156.700	156.700	Port Ops	Yes	Yes	
15	156.750	156.750	Environmental	RX Only	RX Only	Environmental
16	156.800	156.800	Environmental	Yes	Yes	
17	156.850	156.850	Safety Calling	Yes	Yes	
18	156.900	156.900	State Control	Yes	Yes	
19	156.950	156.950	Com1	Yes	Yes	
20	157.000	161.600	Port Ops	Yes	Yes	
21	157.050	157.050	Coast Guard	Yes	Yes	Coast Guard
22	157.100	157.100	Coast Guard	Yes	Yes	Coast Guard
23	157.150	157.150	Coast Guard	Yes	Yes	Coast Guard
24	157.200	181.800	Public Corresp	No	Yes	Busy Tel
25	157.250	181.800	Public Corresp	No	Yes	Busy Tel
26	157.300	181.800	Public Corresp	No	Yes	Busy Tel
27	157.350	181.800	Public Corresp	No	Yes	Busy Tel
28	157.400	182.000	Public Corresp	No	Yes	Busy Tel
29	156.025	156.025	Port Ops	Yes	Yes	
30	156.125	156.125	Port Ops	Yes	Yes	
31	156.175	156.175	Port Ops	Yes	Yes	
32	156.225	156.225	Port Ops	Yes	Yes	
33	156.275	156.275	Port Ops	Yes	Yes	
34	156.325	156.325	Com1	Yes	Yes	
35	156.375	156.375	Com1	Yes	Yes	
36	156.425	156.425	Non Com1	Yes	No	
37	156.475	156.475	Non Com1	Yes	Yes	Fish
38	156.525	156.525	Non Com1	Yes	Yes	Fish
39	156.575	156.575	Non Com1	Yes	Yes	Fish
40	156.625	156.625	Non Com1	Yes	No	
41	156.675	156.675	Port Ops	Yes	Yes	
42	156.725	156.725	Port Ops	Yes	Yes	
43	156.775	156.775	Port Ops	Yes	Yes	
44	156.825	156.825	Port Ops	Yes	Yes	
45	156.875	156.875	Port Ops	Yes	No	
46	156.925	156.925	Com1	Yes	Yes	
47	157.025	157.025	Com1	Yes	Yes	
48	157.075	157.075	Coast Guard	Yes	Yes	Coast Guard
49	157.125	157.125	US Govt Only	Yes	Yes	Coast Guard
50	157.175	157.175	Coast Guard	Yes	Yes	Coast Guard
51	157.225	181.825	Public Corresp	No	Yes	Busy Tel
52	157.275	181.825	Public Corresp	No	Yes	Busy Tel
53	157.325	181.825	Public Corresp	No	Yes	Busy Tel
54	157.375	181.825	Public Corresp	No	Yes	Busy Tel
55	157.425	181.825	Public Corresp	No	Yes	Busy Tel

VHF FM MARINE RADIO/TELEPHONE CHANNELS AND FUNCTIONS (INTERNATIONAL CHANNELS)

CHANNEL	FREQUENCY (MHz)	RECEIVE	TRANSMIT	TYPE OF TRAFFIC	SHIP	TO SHIP	PERMANENT SCAN LIST
WX0	163.275	NOAA Weather	RX Only	Weather	RX Only	RX Only	Weather
WX1	162.550	NOAA Weather	RX Only	Weather	RX Only	RX Only	Weather
WX2	162.475	NOAA Weather	RX Only	Weather	RX Only	RX Only	Weather
WX3	162.425	NOAA Weather	RX Only	Weather	RX Only	RX Only	Weather
WX5	162.450	NOAA Weather	RX Only	Weather	RX Only	RX Only	Weather
WX6	162.525	NOAA Weather	RX Only	Weather	RX Only	RX Only	Weather
WX7	161.650	Can. Weather	RX Only	Weather	RX Only	RX Only	Weather
WX8	161.775	Can. Weather	RX Only	Weather	RX Only	RX Only	Weather
01	156.800	Port Ops	Yes	Port Ops	Yes	Yes	
02	156.100	Port Ops	Yes	Port Ops	Yes	Yes	
03	156.150	Port Ops	Yes	Port Ops	Yes	Yes	
04	156.200	Port Ops	Yes	Port Ops	Yes	Yes	
05	156.250	Port Ops	Yes	Port Ops	Yes	Yes	
06	156.300	Safety	Yes	Safety	Yes	No	
07	156.350	Port Ops	Yes	Port Ops	Yes	Yes	
08	156.400	Com1	Yes	Com1	Yes	No	
09	156.450	Com1 & Non-Com1	Yes	Com1 & Non-Com1	Yes	No	
10	156.500	Com1	Yes	Com1	Yes	Yes	Fish
11	156.550	Port Ops	Yes	Port Ops	Yes	Yes	
12	156.600	Port Ops	Yes	Port Ops	Yes	Yes	
13	156.650	Port Ops	Yes	Port Ops	Yes	Yes	
14	156.700	Environmental	Yes	Environmental	Yes	Yes	Environmental
15	156.750	Safety Calling	Yes	Safety Calling	Yes	Yes	
16	156.800	Public Correspondence	Yes	Public Correspondence	Yes	Yes	
17	156.850	Public Correspondence	Yes	Public Correspondence	Yes	Yes	
18	156.900	Public Correspondence	Yes	Public Correspondence	Yes	Yes	
19	156.950	Public Correspondence	Yes	Public Correspondence	Yes	Yes	
20	157.000	Coast Guard	Yes	Coast Guard	Yes	Yes	
21	157.050	Coast Guard	Yes	Coast Guard	Yes	Yes	
22	157.100	Coast Guard	Yes	Coast Guard	Yes	Yes	
23	157.150	Coast Guard	Yes	Coast Guard	Yes	Yes	
24	157.200	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
25	157.250	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
26	157.300	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
27	157.350	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
28	157.400	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
29	157.450	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
30	157.500	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
31	157.550	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
32	157.600	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
33	157.650	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
34	157.700	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
35	157.750	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
36	157.800	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
37	157.850	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
38	157.900	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
39	157.950	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel
40	160.205	Public Correspondence	No	Public Correspondence	No	Yes	Buoy Tel

SPECIFICATIONS

GENERAL

- Channels** : Transmit 55
Receive 80 Marine
10 Weather
- Controls** : On-Off/Volume, Squelch
- Status Indicators** : TX LED (transmit), DUAL, SEEK, SCAN, USA, INT'L, HI, LO, and WX on LCD Panel
- Channel Display** : LCD (Dual 7 segment)
- Selector Switch** : Rotary Channel Selector
- Buttons** : H/L (25W/1W power), DIM, US/I, WX, DW, SCN, C16
- Connectors** : Antenna, remote speaker and DC power
- Size** : 2 1/8" x 6 2/5" W x 8" L
- Weight** : 2.4 lbs
- Supply Voltage** : 13.8V DC negative ground
- Standard Accessories** : Mounting bracket and hardware, DC power cord, microphone hanger, spare fuse

Antenna Impedance

- Microphone : 50Ω, nominal
- Speaker : Rugged 500Ω dynamic element with coiled cord
- Operating Temperature Range : 1.82 inch, 8Ω
- Shock and Vibration : -20°C to +50°C (-4°F to +122°F)

FCC Approvals

- Meets or exceeds EIA standards, RS152B and RS204C
- Type accepted under part 80 of the Rules; meets Great Lakes Agreement and party boat requirements

TRANSMITTER

- Power Output** : 1 watt or 25 watt (switch selectable)
- Power Requirement** : 1 watt output: 1.0A at 13.8V DC
25 watts output: 4.5A at 13.8V DC
- Modulation** : FM ±5 kHz deviation (FCC designator F3E)
- Hum and Noise** : 45 dB at 3 kHz
- Signal-to-Noise** : Less than 5% with 3 kHz deviation with 1000 Hz modulating frequency
- Audio Distortion** : -60 dB at 1 watt, -65 dB at 25 watts
- Spurious Suppression** : Built-in automatic level control (ALC)
- Output Power Stabilization**

Frequency Range : 156 to 158 MHz
Frequency Stability : ±300 Hz nominal

RECEIVER

Frequency Range : 156 to 163 MHz
Sensitivity : 0.25µV for 12 dB SINAD
 : 0.35µV for 20 dB S/N
Circuit : Dual Conversion Super Heterodyne PLL
Squelch Sensitivity : 0.5µV Threshold
Spurious Response : 60 dB
Adjacent Channel Selectivity : 70 dB at ±25 kHz
Audio Output Power : 4.0 watts (10% Distortion)
Power Requirement : 0.2A at 13.8V DC squelched
 : 0.9A at 13.8V DC at maximum audio
 output
 1st - 16.9 MHz
 2nd - 455 kHz

MARITIME RADIO SERVICES OPERATION

You are required to comply with the Rules and Regulations as set forth by the Federal Communications Commission. A complete set of FCC Marine Radio Rules may be purchased from the US Government Printing Office by requesting "Volume IV of the FCC Rules". Among the more significant rules are:

1. You must obtain a Ship's Station License by making application to the FCC on FCC Form 506. An Interim Ship's Station License may be obtained by personal appearance at your local FCC Field Office. The Ship's Station License must be posted at the station location.
2. A Restricted Radiotelephone Operator Permit (or higher grade license) must also be obtained from the FCC in order to legally operate your transmitter in international waters. Application is to be made on FCC Form 753. An interim permit is automatically granted upon submission of your application.
3. You must keep a current copy of the appropriate FCC Rules.
4. You must maintain a log book in which you record all calls and full transmitter maintenance records.
5. Your transmitter must be verified, by an appropriately licensed technician, to be in compliance with FCC requirements. This has been done at the factory for your MC 635. A signed Certificate of Compliance card is included with your radio and should be kept with your log book.

6. You may not make transmitter tuning adjustments unless you are the holder of a valid first or second class commercial license issued by the FCC. Please request the assistance of your UNIDEN Marine Dealer and your nearest FCC Field Office if you need other than a Ship's Station License.

CARE AND MAINTENANCE

- Your MC 635 is a precision piece of electronic equipment and you should treat it accordingly. Due to the rugged design, very little maintenance is required. However, a few precautions should be observed:
- If your radio has been accidentally subjected to spray or splash, you should immediately wipe it down with a soft cloth dampened with fresh water.
 - If the antenna has been damaged, you should not transmit except in case of emergency. A defective antenna may cause damage to your radio.
 - You are responsible for the continued FCC technical compliance of your radio.
 - You are urged to arrange for periodic performance checks with your UNIDEN Marine Dealer.