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google translate, and hours of typing.

Clarion

PERSONAL RADIO
CB-FUNKGERÄT
SYSTÉME CB

Instruction Manual

Bedienungsanleitung

Manuel d'Instruction

JC10

JC-9101A

CITY CALL

English

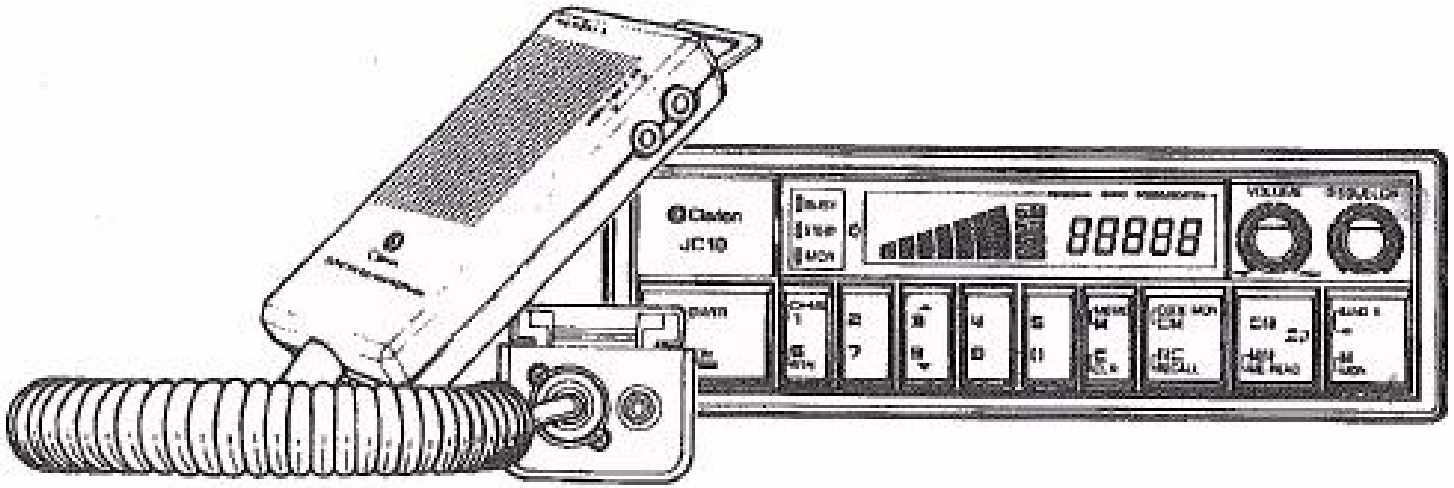
We would like to thank you for choosing the Clarion Personal Radio JC 10. In order to obtain full enjoyment from this unit and to ensure proper use, be sure to read this instruction manual carefully before use.
Store the manual in a safe place for future reference in case you are unsure of operational procedure or encounter problem.

Deutsch

Wir möchten uns an dieser Stelle dafür bedanken, daß Sie sich zum den Kauf des Clarion CB-Funkgeräts JC 10 entschlossen haben. Lesen Sie diese Bedienungsanleitung sorgfältig durch, damit Sie mit allen Funktionen des Geräts vertraut werden und sie richtig einsetzen können.
Bewahren Sie die Bedienungsanleitung für zukünftiges Nachschlagen oder auftretende Problemfälle griffbereit auf.

Français

Nous voudrions vous remercier d'avoir choisi le système CB JC 10 Clarion. Afin d'apprécier et d'utiliser correctement cet appareil, veuillez lire ce manuel attentivement et dans son intégrité.
Veuillez garder ce manuel dans un endroit sur pour de futures références dans le cas ou vous rencontreriez des problèmes ou si vous n'étiez pas certain de certaines procédures d'utilisation.



1. BEFORE COMMISSIONING

- This device is intended for installation in vehicles with 12V DC, minus ground.
  If your vehicle is equipped with a 24V system, you will need to consult your local dealer for installation.

- the JC 10 radio may not be altered or modified by any reasonable intervention.
  In case of a fault, contact your specialist dealer

- choose a location where the unit is not exposed to dust, excessive heat or direct sunlight. when installing the antenna outdoors, e.g. on the roof of a building, care must be taken to ensure that the antenna is adequate for lightning strike.

2. MAIN DEVICE AND ACCESSORIES

the JC 10 is supplied with the following accessories listed below. Please make sure that everything is included in the packaging.

1. **(JC10)** Main unit . . . . . 1 PC.
2. Microphone / Speaker . . . . . 1 PC.
3. Installation kit A . . . . . 1 PC.
4. Installation kit B . . . . . 1 PC.
5. Accessory kit A
   stud . . . . . 4 PC.
6. Accessory kit B
   Hex bolt **(M5 x 14)** . . . . 4 PC.
   Hex bolt **(M5 x 8)** . . . . . 1 PC.
   tapping screw **(M5 x 20)** . . . . . 5 PC.
   locknut for **M5** . . . . . 5 PC.
   tapping screw **(M4 x 20)** . . . . . 2 PC.
   Sliding support . . . . . 2 PC.
   Clamping nut (for M4) . . . . . 2 PC.
   cable holder . . . . . 2 PC.
7. Accessory kit C
   Y-cable . . . . . 2 PC.
   ground wire . . . . . 2 PC.
   Short cable with 3-pin plug . . . . . 1 PC.
   braid . . . . . 3 PC.
   Extension cable . . . . . 1 PC.
8. Accompanying documents A
   operation manual 1
   Guarantee 1
9. Backup Set
   Fuse (3A) . . . . . 1 PC.
   Fuse (5A) . . . . . 4 PC.

3. short description of the JC-10 radio

This JC-10 radio is suitable for over 80 channels of the 900 mhz uhf band.

the 80 channels are divided into 40 lower (BAND-A) and 40 upper channels (BAND-B).

The choice between BAND-A and BAND-B is made by changing the operating mode. For further details point 5 is described

< operating mode 1 >

in mode 1, the lower 40 channels (BAND-A) are occupied. channel 1 of these 40 channels is the 'data channel' channel 2 to 40 are used as 'voice channels' the unit is provided with a function that automatically determines which channel 2 to 40 is free. at the same time, the necessary data is transmitted to control station, with the radio connection, to control the free channel

< operating mode 2 >

in mode two, the upper 40 channels (BAND-B) are occupied. the first channel of the upper 40 channels is the 'data channel' the other 39 channels are called 'voice channels'

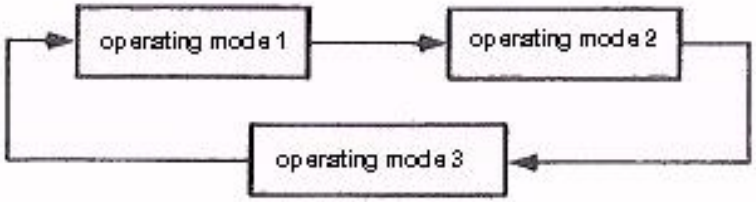
< operating mode 3 >

Mode III is assigned to the top 39 channels of BAND-B. Channel selection required manually

4. mode-changing

the mode is changed when in standby mode first the CLR button and then the MON button prints

it is subsequently changed as follows



Operating Mode 1 **the BAND A indicator lights up and the five-digit number appears**

Operating Mode 2 **the BAND A indicator does not light up and the five-digit number appears**

Operating Mode 3 **The BAND A indicator does not light up indicating the two-digit channel number**

5. Application modes I and II

5–1. phone numbers

A. what are phone numbers

The phone numbers are the freely selectable five digits

If you compare the JC-10 radio so with a phone could say that these numbers are telephone numbers

- If one or more stations have the same number pre-arranged, a voice connection will be established. there is no need to dial a channel

If several stations with the same number are in the

- standby status, one station can communicate with all stations

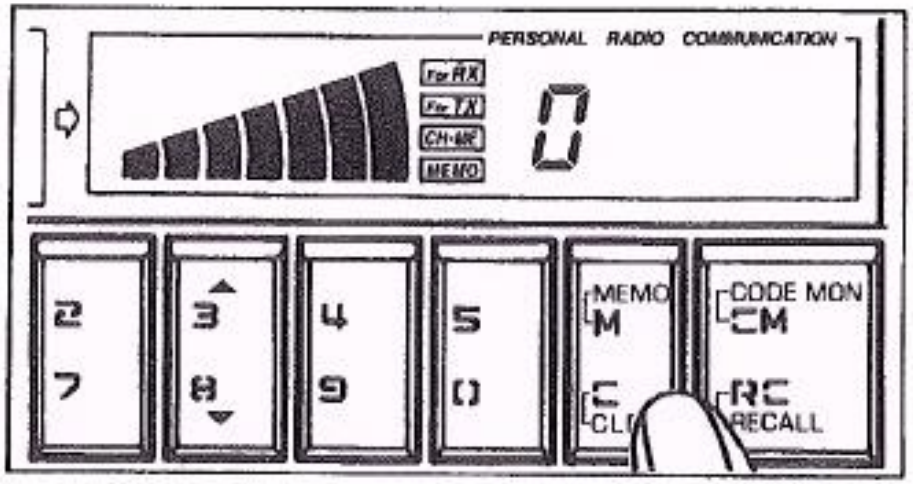
call the same number by pressing lightly on the PTT key (group reception)

- Stations with unknown numbers can be received via the search function. However, you can not interfere with the voice traffic of the groups you receive

- With the phone number 00000 you can talk to people whose phone number you do not know. this number is useful if you want to get information in unfamiliar areas, or if you want to call stations untargeted

B. set the phone number

When ready, print the CLR key.
the display of the callers goes
out and instead a single zero appears



enter a five-digit number using the
number keys. If you have mistyped or
want to change the number, you can
correct this by re-printing the CLS key
and re-entering the correct number correct

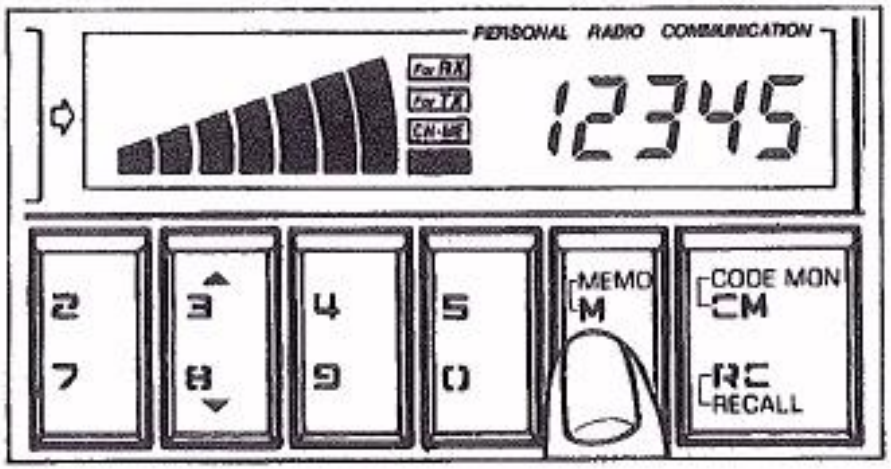
C. save the phone number

In the JC10 ten call numbers can be stored for modes I and II.

The numeric keys (0 to 9) contain the respective call number.

- enter the phone number

Enter the number to be stored as described above. Then press the memory button (M) MEMO, after which the memory indicator (MEMO) lights up for nine seconds. Print the desired storage number (numeric key) during this period. The memory number is briefly displayed, whereupon the call number appears again and the and the memory request is finished.



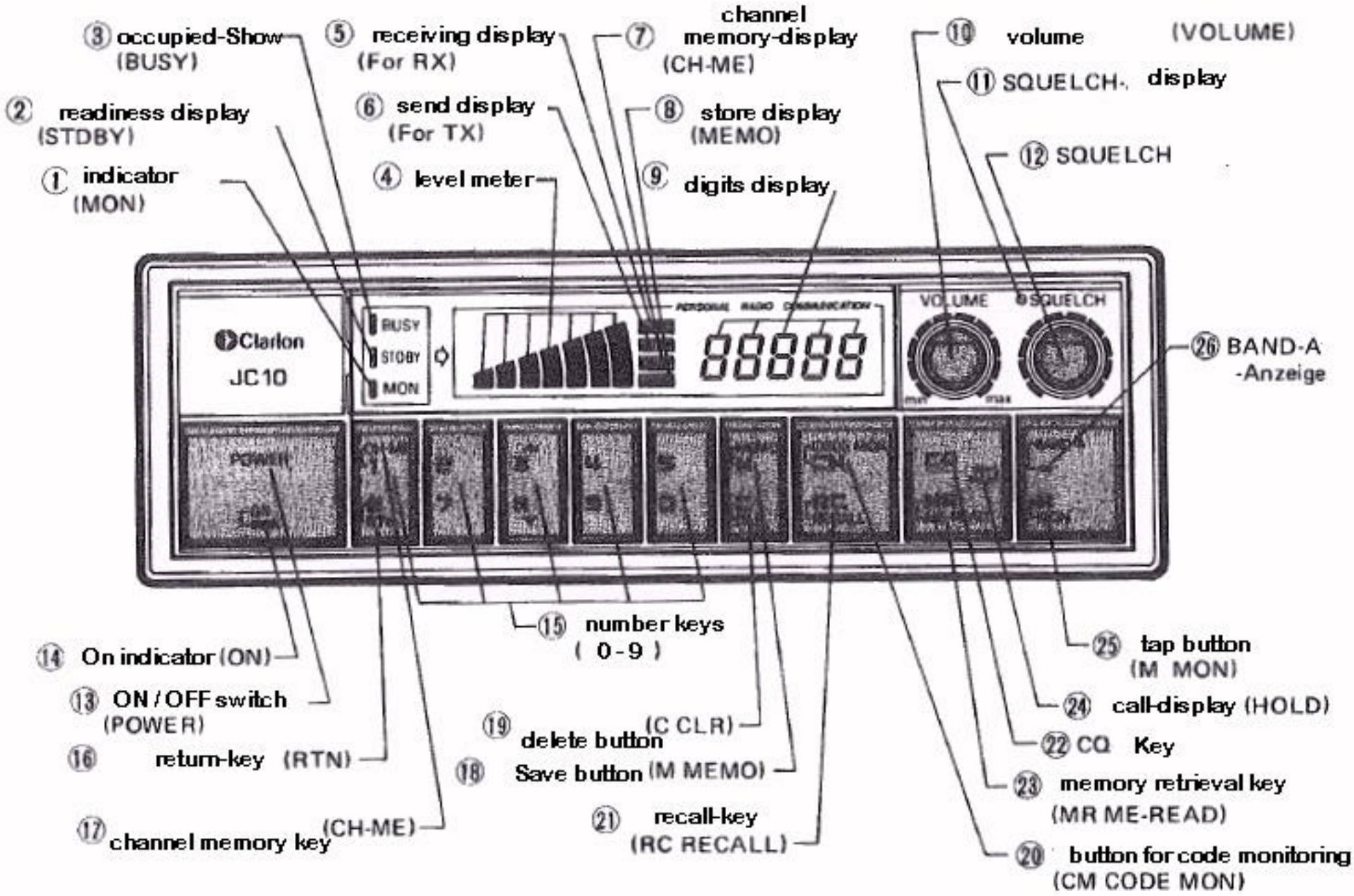
- Retrieving the stored phone number

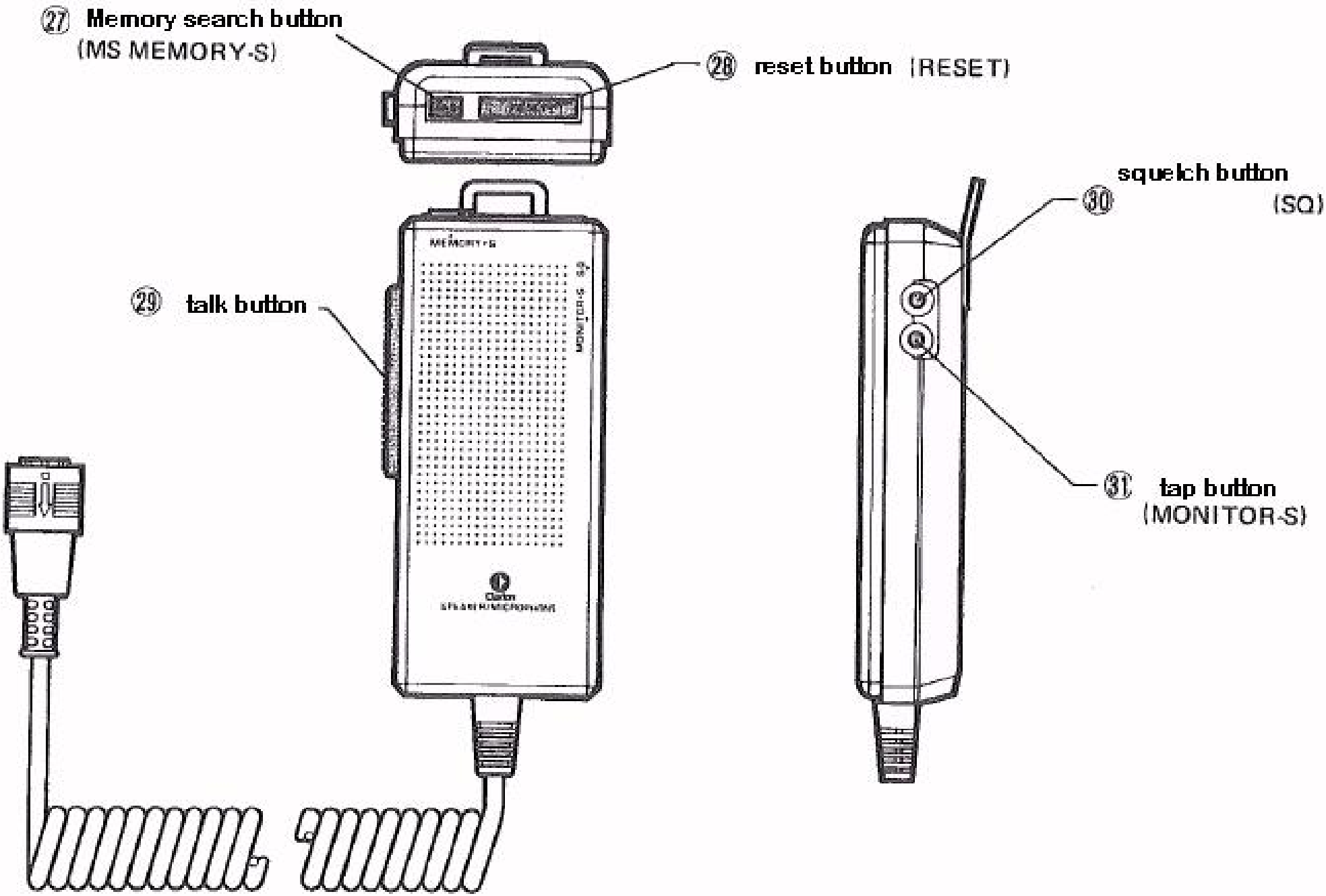
Press the memory recall button (MR) and then the desired memory button. the store number is displayed in short-dashed form, after which the phone number appears

- Memory scan

By pressing the memory search button (MS), the stored numbers can be called in numerical order. The memory search function operates in the standby mode and in the off-hook mode

5-2. Names and functions of the controls




㉗ Memory search button
(MS MEMORY-S)
㉘ reset button (RESET)
㉙ talk button
㉚ squelch button
(SQ)
㉛ tap button
(MONITOR-S)

① listening (MON)
lights up after printing by pressing the MON button. The indicator flashes during the interception search to indicate that one of the pre-registered telephone numbers is being received, with which talk-radio is possible

② readiness display (STDBY)
lights up in the default state to indicate that the JC-10 radio is tuned to the audio channel

③ occupied display (BUSY)
indicates that voice traffic is possible, the indicator flashes when the device is searching for a wide channel

④ level meter
show the intensity of the input signal or the output power

⑤ receiving display (For RX)
the phone number used in readiness code watchdog is displayed

⑥ send display (For TX)
The number that is used to call the code is displayed

⑦ channel memory-display (CH-ME)
show that the speech channels and call numbers are stored in the device

⑲ delete button (C CLR)
this button is needed if you want to insert a new phone number. The preset number will be deleted by pressing the key

⑳ Key for code monitoring (CM CODE MON)
If two preset numbers are entered within nine seconds after pressing this button, the unit will prepare to receive these numbers

㉑ callback button(RC RECALL)
Diese Taste wird gebraucht, wenn eine bestimmte Rufnummer gewünscht wird, wenn Stationen zurückgerufen werden sollen, die den Sprechbereich verlassen haben, oder wenn Station mit derselben Rufnummer hereingebracht werden sollen.

㉒ CQ-key
If the device is not set to intercom, the phone number is set to 00000. the call indicator (HOLD) lights up when general call is made or when called from another station. When this button is pressed when the call indicator lights up (HOLD), the unit will stop talking

㉓ memory retrieval key (MR ME-READ)
Press this key, followed by the desired memory number key to clear a stored call number

⑧ store display (MEMO)
lights during memory operation

⑨ digits display
displays phone numbers and the store numbers

⑩ volume knob (VOLUME)
for the adjustment of reception strength

⑪ SQUELCH display
when this indicator lights up, the squelch level can be adjusted with the squelch button. as long as the indicator does not light up, the squelch will automatically be entered

⑫ SQUELCH button
For manual adjustment the squelch level

⑬ ON / OFF switches(POWER)
to turn the device on and off

⑭ On indicator (ON)
Lights up when the unit is on

⑮ Number keys (0 to 9)
for the setting or storage of the phone numbers

⑯ Return key (RTN)
After pressing this key in standby mode, the channel and call number saved with the channel memory function are monitored

⑰ Channel memory button (CH-ME)
Pressing this key during voice traffic will save the channel and phone number you are using

⑱memory button(M MEMO)
To save phone numbers, first press this key and then the desired memory key

㉔ call indicator (HOLD)
Lights up when a general call is made or when someone calls you from another station

㉕ listen button (M MON)
for receiving on a speech channel

㉖ BAND A display
When this indicator lights up, the device is assigned to BAND-A (lower 40 channels, 933.0125-933.9875)

microphone

㉗ Memory search button (MS MEMORY-S)
After pressing this key, the stored numbers are retrieved in numerical order

㉘ Restoring key (RESET)
By pressing this key, the device is returned to readiness for operation by the intercom or interceptor

㉙ talk button
After pressing this key in the standby state, the device starts searching for a free speech channel. The button is pressed to send, released to receive

㉚Squelch button(SQ)
to toggle between automatic squelch and manual squelch. when the squelch indicator lights up, squelch adjustment can be done by hand

㉛ Listening button (MONITOR-S)
like ㉕ monitor button

5–3. radio traffic

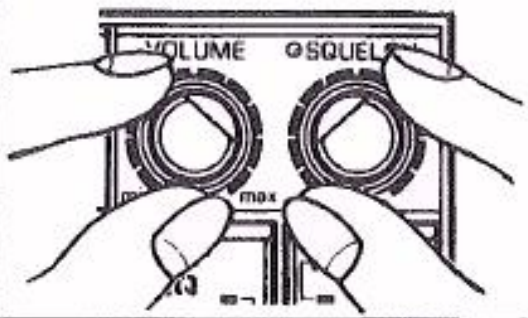
A. Preparations

Deutsch

1 Check connections

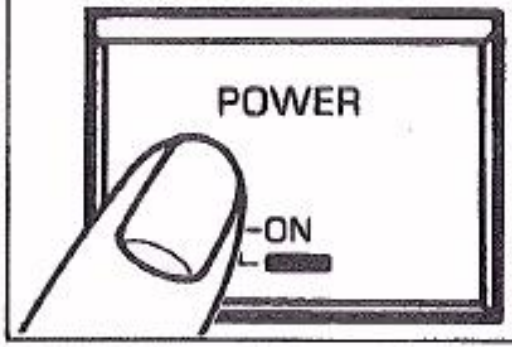
- Check that power supply lines and grounding cables are well connected.
- Check if antenna and microphone are connected correctly

2 Turn the volume knob to 10 o'clock and turn the squelch knob all the way to the right



- To adjust, press the Volume (VOLUME) and SQUELCH buttons, and they will pop out. Press the buttons back after adjustment, preventing the buttons from being accidentally blocked

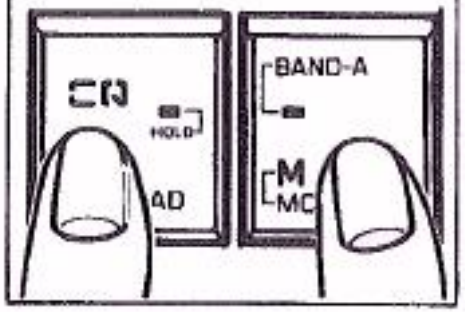
3 Device switched on (POWER ON) Ready to receive (STANDBY)



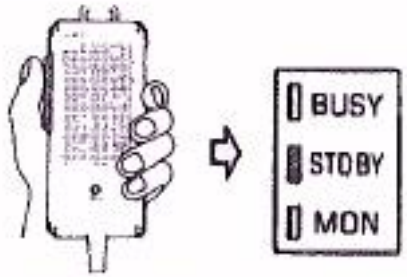
- Press the ON / OFF button (POWER)
- The JC 10 radio is turned on when the ON indicator lights up and a five-digit number is displayed

1 When the station is called over the 00000 (general call), the call indicator (HOLD) lights up

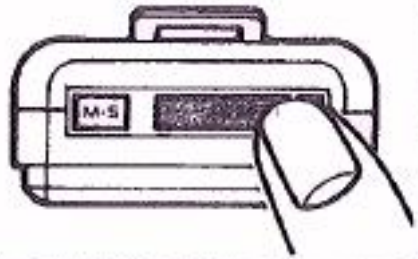
2 If one of these buttons is pressed within 30 seconds after the call indicator lights up, talkback is possible



3 The standby indicator (STDBY) will light up after 30 seconds if none of the buttons are pressed



4 After the end of the speech traffic, press the RESET button



If your own station is called in standby mode for general call over the number 00000, a beep sounds and the call indicator (HOLD) lights up.
The call can be answered by pressing the QC key, the PTT key or the listening key (MON) within 30 seconds after the call indicator lights up.
If no key is pressed within 30 seconds, the unit returns to standby mode. When the speech push button is pressed, an audible confirmation will be given, after which it will be possible to talk to the other station

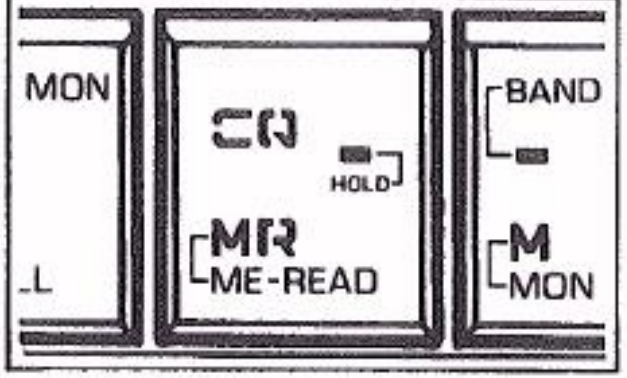
With this JC 10 device, the first 0.2 seconds are reserved for the transfer of computer data. So you should start talking after the sound has been heard. After 5 minutes of ongoing speech traffic stops the transmission.
To continue the speech traffic, press the PTT key.
If there is no transmission for 5 minutes, the unit will return to standby.
The interruption of the radio connection is indicated by 5 beeps

1 Confirmation of operational readiness over 00000

Press the PTT key. The busy indicator (BUSY) flashes while the unit is searching for a free channel. If a free channel is found, this is confirmed by a beep and the call indicator (HOLD) lights up.

2 The busy indicator (BUSY) will flash while the unit is searching for a free speech channel.

3 if a free channel is found, this is signaled by a beep and the call indicator (HOLD) lights up

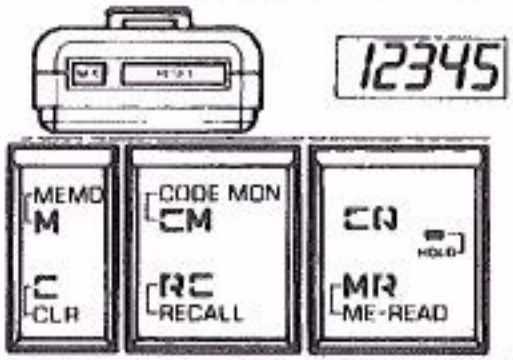


When the control channel is busy, both the call indicator (HOLD) and the busy indicator (BUSY) light up.

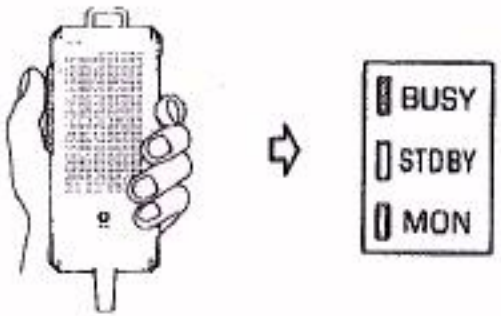
The process must be repeated in this case.

D. Targeted call (if a particular station is to be called)

1 Confirmation of operational readiness and setting of the telephone number



2 Press the PTT key. The busy indicator (BUSY) flashes while the unit is searching for a free speech channel.



3 If a free channel is found, this is confirmed by a beep and the call indicator (HOLD) lighting up

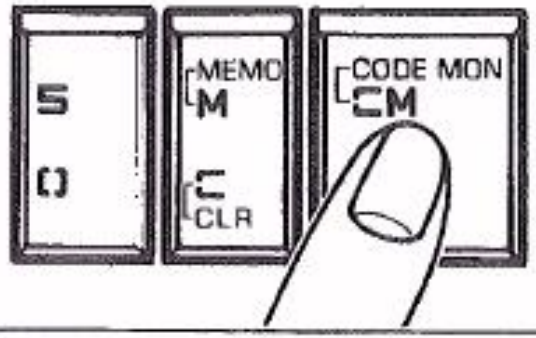
Entering a specific phone number allows targeted voice traffic with a known station (e.g., friend, house or company 00000). First, the phone number of the other station must be entered. It is particularly helpful here if you pre-store those stations with which you often have a connection. After pressing the PTT key, the busy indicator (BUSY) flashes while the device searches for a free speech channel.

When a channel is found, the beep will sound and the busy indicator (BUSY) will light to indicate that voice traffic is possible. Another beep means that control data is sent to the waiting station with the appropriate phone number.

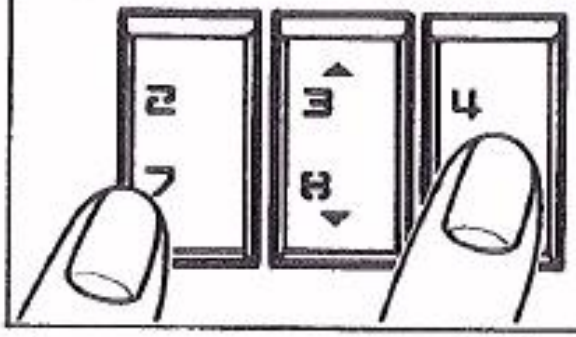
If there is no response, you can try to get the station by pressing the recall button (RECALL). When you call yourself, you will hear three beeps, with the mode for voice traffic selected. As a result, a general and targeted reputation can be distinguished.

E. Code-monitoring (allows ready reception of two further numbers)

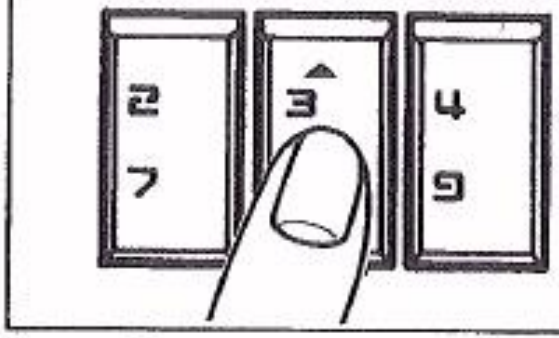
1 First, make sure that the unit is in the ready state and that the intercept search is stopped. Then press the code monitoring (CM) key.



2 Press the two memory numbers corresponding to the desired numbers.



3 If only phone number is to be set, press the same memory number twice.



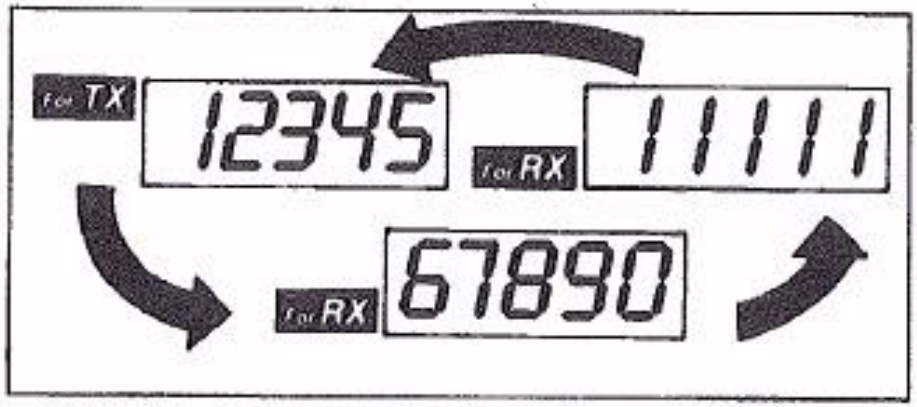
With the code-monitoring function, the device can be set so that it is ready to receive two more stations in addition to the station with which one is in speech communication.

This function can be used when the unit is ready to receive or when the listening cycle is stopped.

Press the key for code monitoring (CODE MON) fetched from two desired memory numbers.

If standby reception is to be for one station only, press the preset number of this station twice. The two set numbers for readiness to receive (For RX) and the phone number.

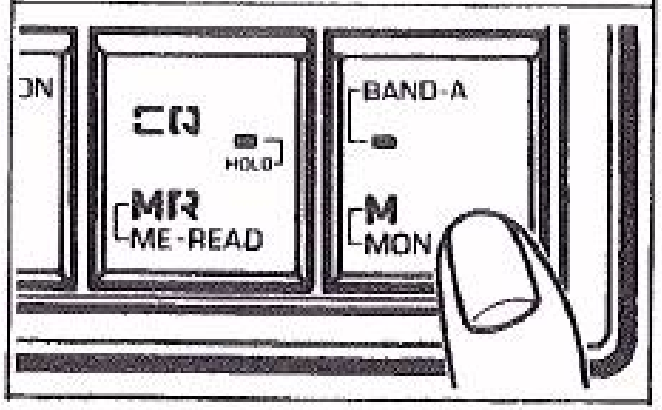
with the straight speech traffic consists (For TX) are displayed.



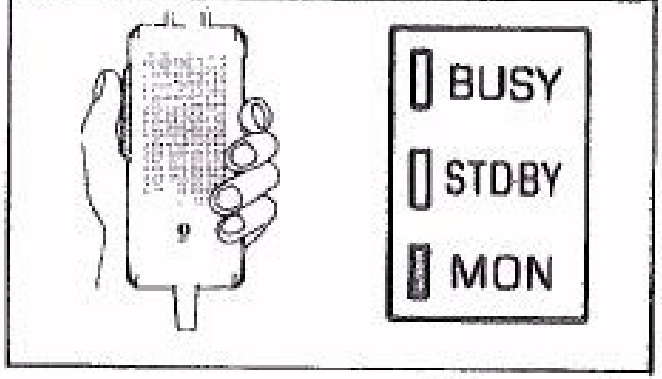
* Code monitoring is cleared when switching to another mode.

F. Interception scan (automatic channel memory)

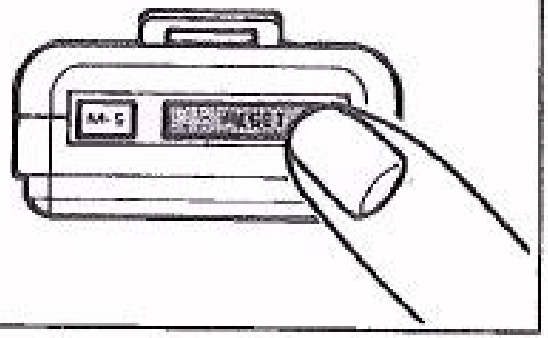
1 Speech channels can be listened to freely



2 If the number of the received channel is identical to its own, a beep will sound and the interception indicator (MON) will flash, allowing voice traffic.



3 Press the RESET button to return the unit to standby mode



With the interception search function the speech traffic between other stations, whose phone number is unknown, can be received. After pressing the listening button (MON), speech channels can be received indiscriminately and, if the other party's phone number is identical to their own, their voice traffic is interrupted.

After pressing the key for the first time, the speech channels that were used in the last 5 minutes are listened to.

All channels are intercepted when you press the key a second time.

The search stops as soon as a speech connection has been made on a channel.

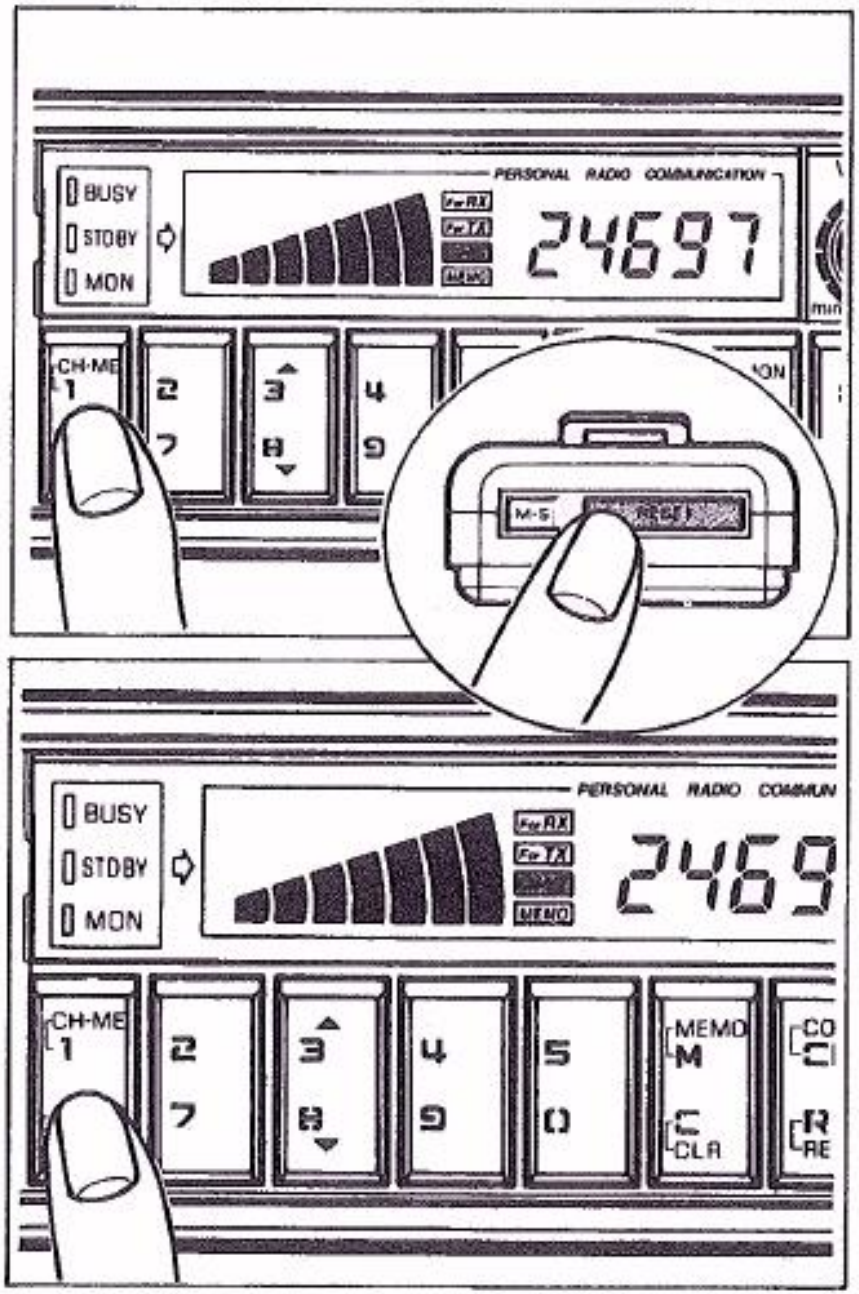
If you want to continue searching, press the button again.

When an identical number is received, the beep will sound and the MON (monaural) indicator will start flashing.

If they press the talk button at this time, they can talk to the other station.

The phone number can be set during reception in the listening mode.

G. channel memory



This function is used to hear the phone number and voice channel in the voice traffic mode. Store in the voice traffic mode.

This is useful for group voice traffic if you leave the group and occupy the control channel, but then want to get back to the group.

If the channel memory button (CH-ME) is pressed during the reception, the channel channel indicator (CH-ME) lights up, with the call number and channel number being stored.

The stored data remain until 15 minutes after completion of the speech traffic.

Pressing the reset button (RESET) is received.

Listening to the channel input to the memory is possible if the return key (RTN) is pressed within 15 minutes.

The stored data will be erased after a call attempt.

6. APPLICATION MODE III

6–1. Numbers (Code Squelch)

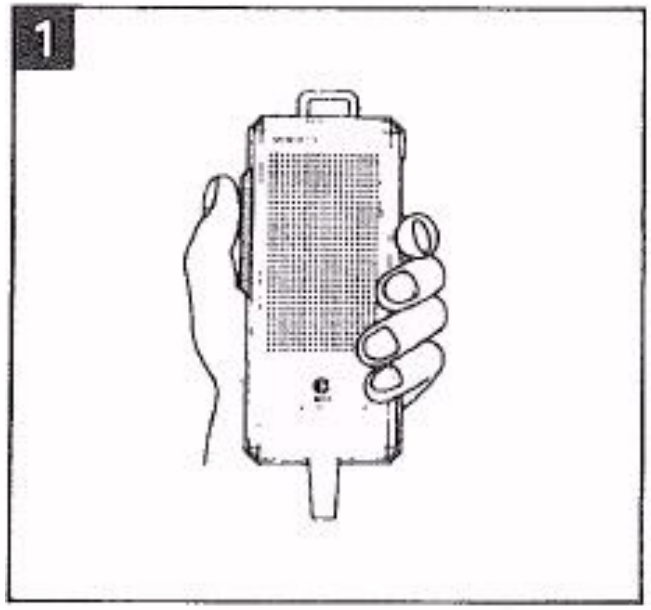
In mode III, the numbers are needed to release the code squelch. The code squelch is the function by which sound is sent out of the loudspeaker as soon as a station is called by another station whose telephone number and channel are identical.

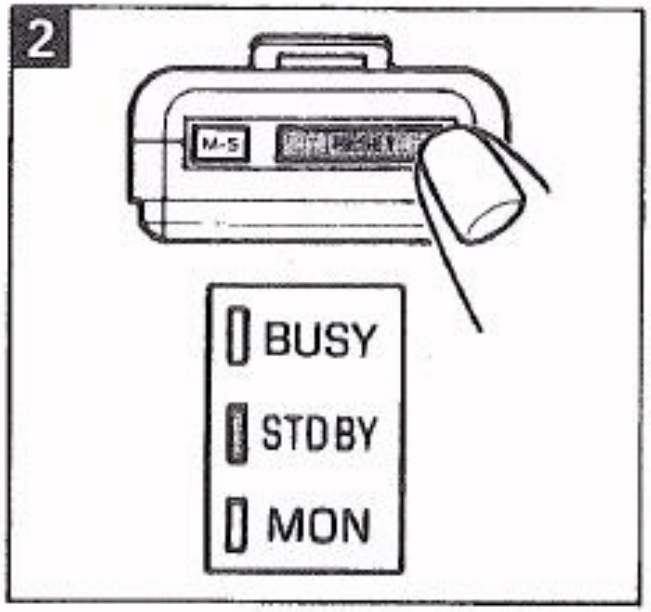
Voice communication with the other station is only possible with the PTT key if telephone numbers and channels have already been assigned.

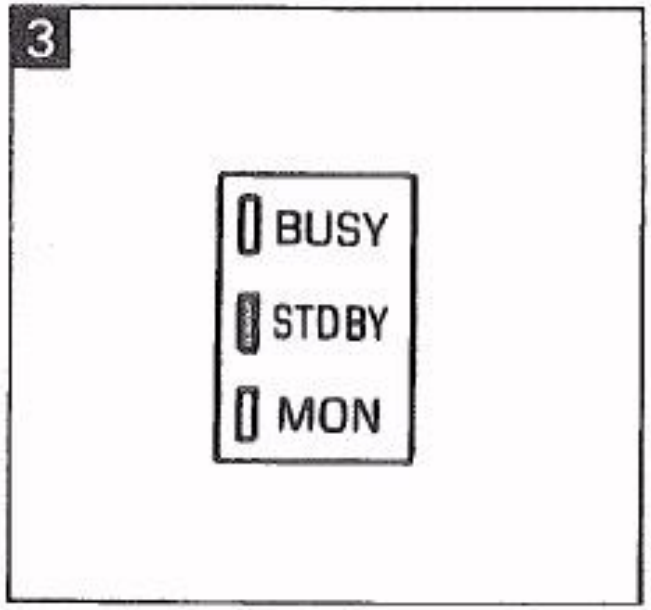
By pressing the reset button (RESET), it is possible to move to the code squelch with the standby indicator (STDBY) starting to flash.

- The code squelch can be issued by any operation, with the standby indicator (STDBY) stopping to flash.

- The telephone numbers are set as in operating modes I and II.





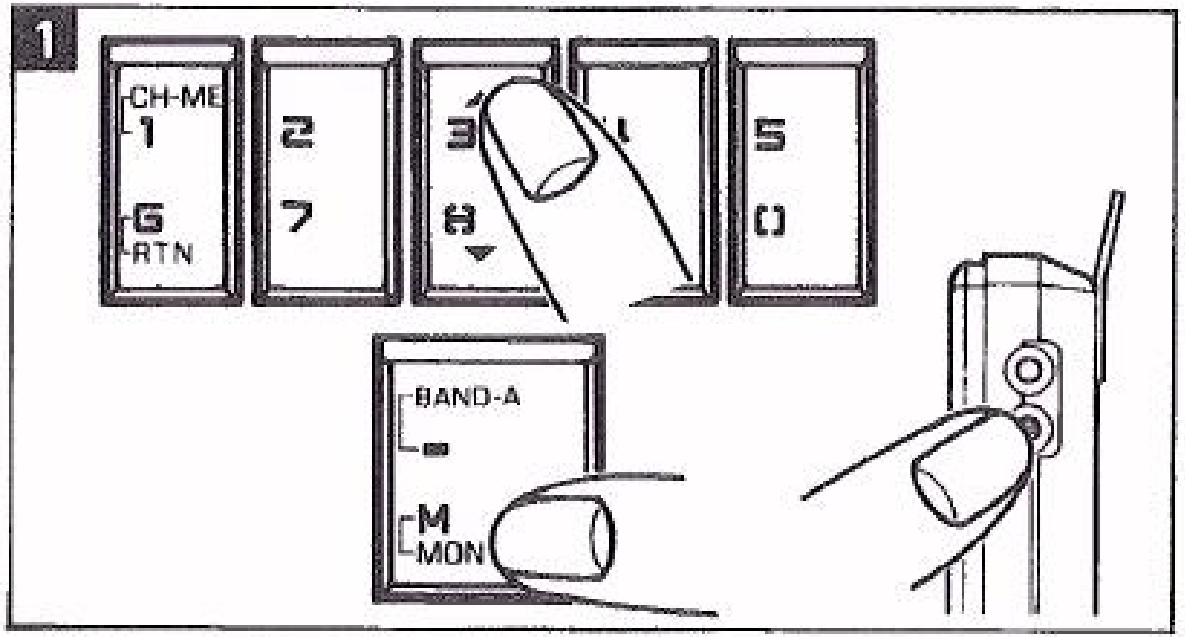


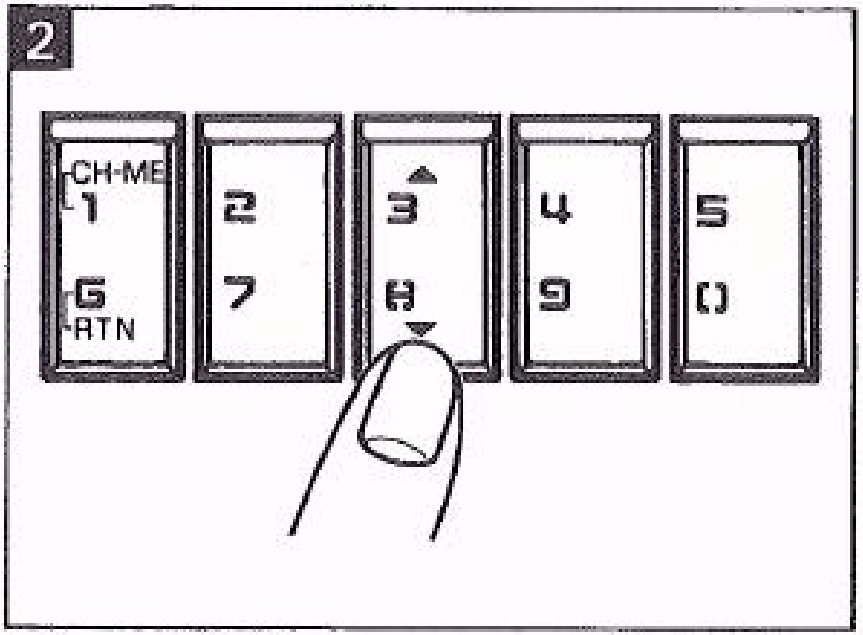
6–2. Setting the channel

If you press one of the numeric keys from (1) to (5), the listening key (MON) or the monitoring key (MONITOR S.) of the microphone, the channel number will increase continuously.

The channel number will decrease when one of the numeric keys from (6) to (0) is pressed.

The channel adjustment stops when the relevant key is released.





6–3. Save the channel

The JC-10 can store up to five channels.
The numeric keys (1) to (5) are used for saving

- Input of the channel

Set the channel as described above.
Press the memory button (M) (MEMO).
The channel indicator disappears and the memory indicator (MEMO) lights up for 9 seconds.
In this period, press the desired number key.
The memory number is briefly displayed, after which the channel number reappears to indicate that the process has ended.

- Retrieve the channels

Press the memory polling button (MR) and then retrieve the stored channel.
The memory number is briefly displayed, after which the channel appears on the display.

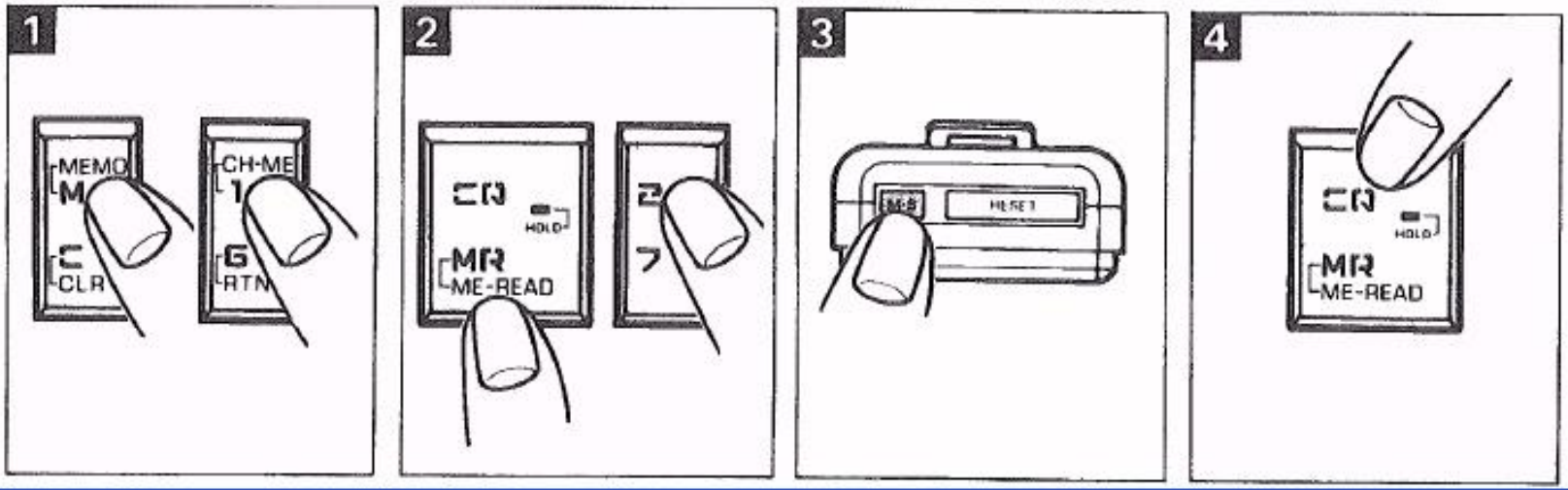
- Memory Scan

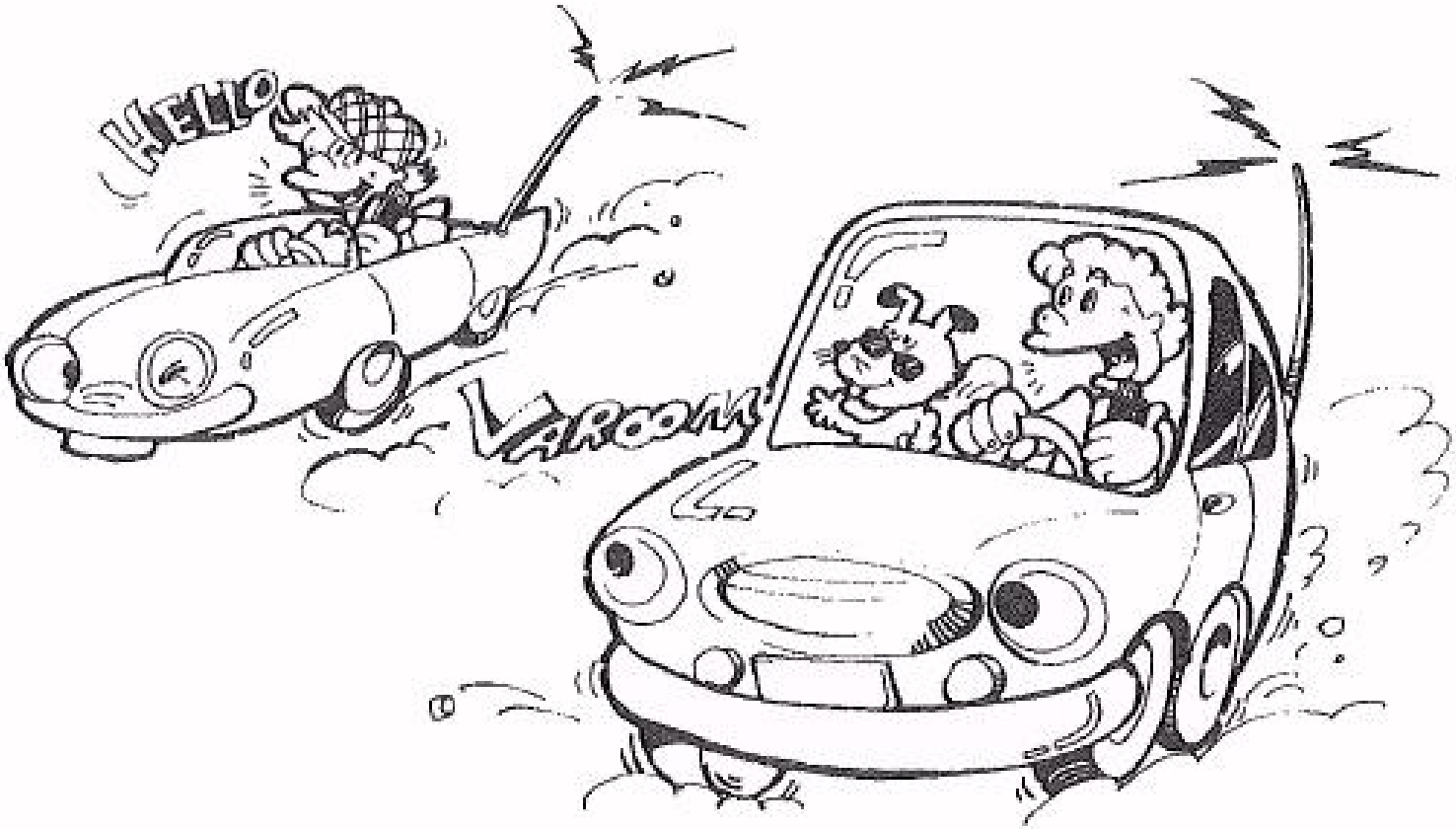
After pressing the memory search key (MS), the stored channels are retrieved one after the other.

Press the memory search button.
The output of the channels begins with the channel that was last retrieved.
The channel is displayed after the memory number.
If the button is still pressed, the channels will be output continuously.

- QC key

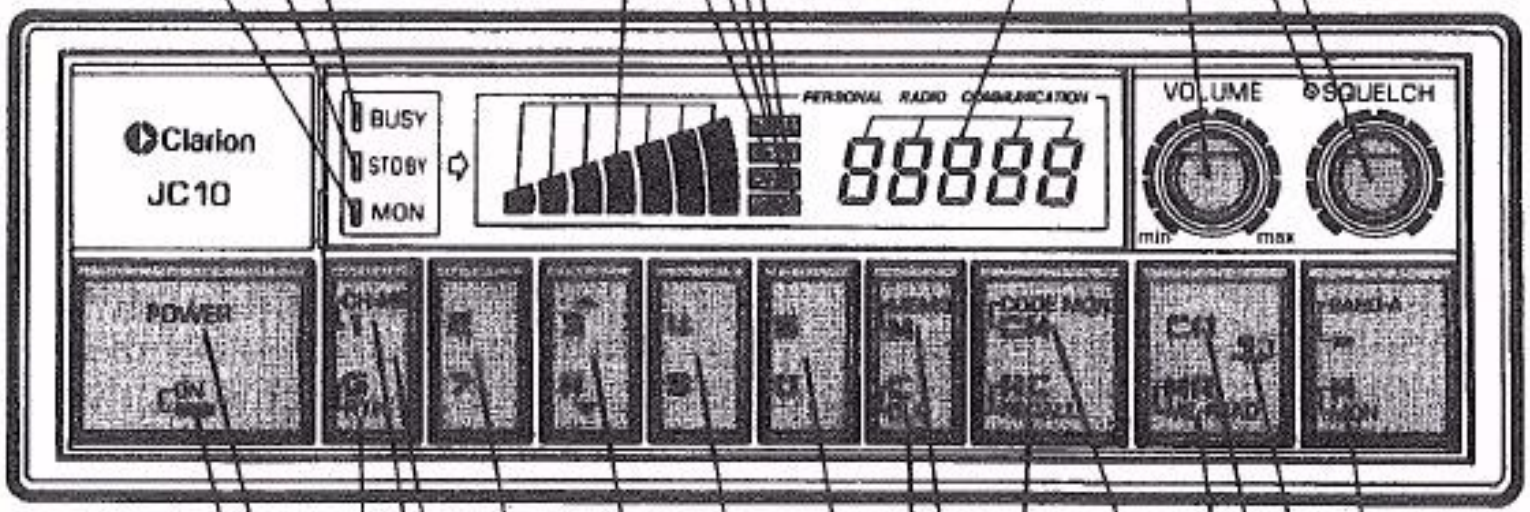
The used channel number is saved by pressing the QC key and the channel number entered in memory 1 is output. The call indicator (HOLD) lights up when the channel number is stored.
When the button is pressed again, the channel number is set in the unit with the call indicator (HOLD) extinguished.




HELLO
VAROOM

APPLICATION - MODE III

6-4. Names and functions of the controls



③ Busy Indicator (BUSY)

⑤ reception display (For RX)

⑦ Channel memory display (CH-ME)

⑩ Volume knob (VOLUME)

② ready light (STDBY)

⑥ send Screen (For TX)

⑧ store display (MEMO)

⑪ SQUELCH- display

① tap display (MON)

④ Power meter

⑨ numerical display

⑫ SQUELCH Squelch button

⑭ On indicator (ON)

⑬ ON / OFF switch (POWER)

⑯ Return key (RTN)

⑰ Channel memory button (CH-ME)

⑮ Number keys (0 to 9)

⑲ Clear key (C CLR)

⑱ memory button (M MEMO)

㉑ Callback button (RC RECALL)

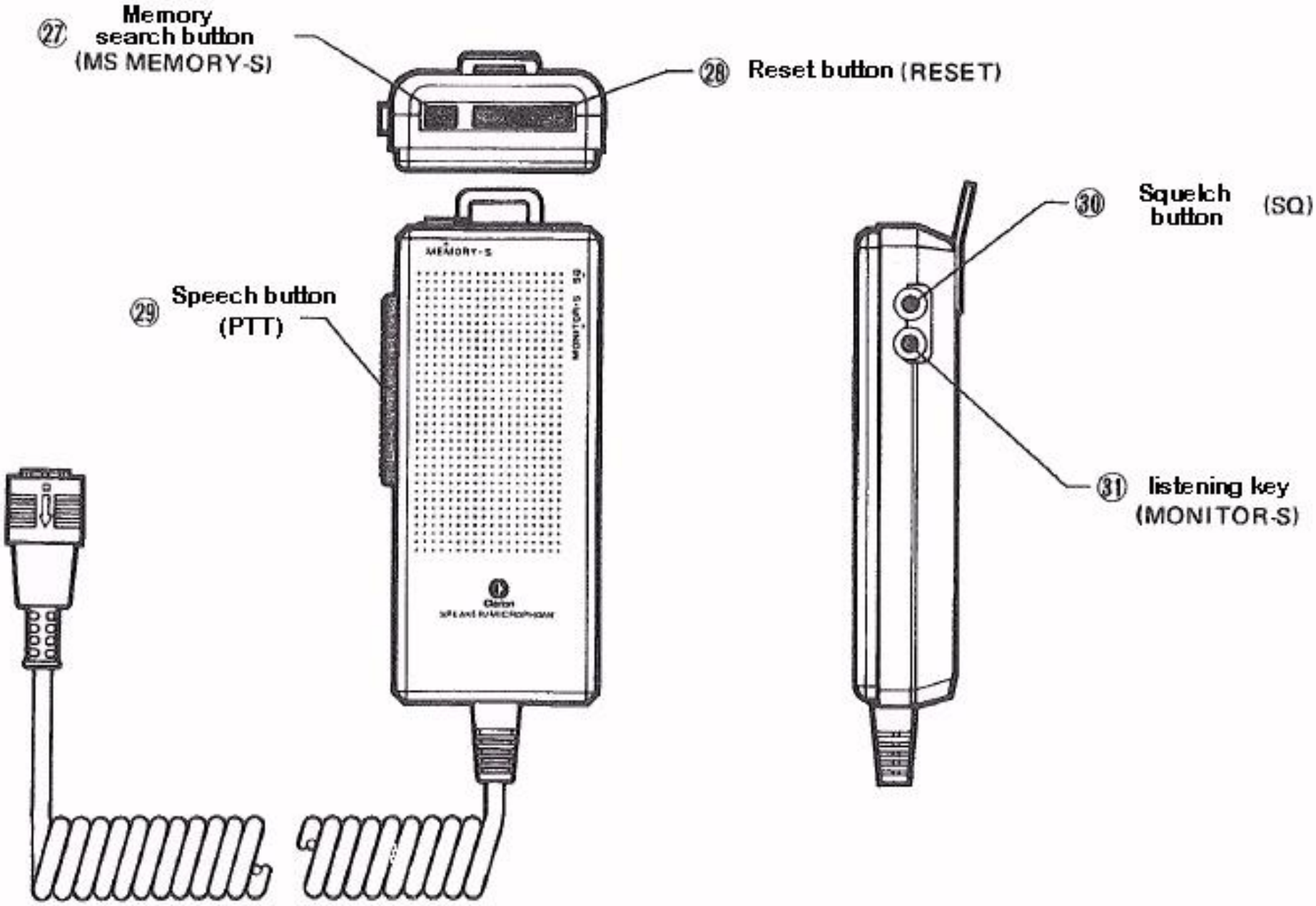
㉕ Listening Button (M MON)

㉔ Call display (HOLD)

㉒ CQ- button

㉓ Memory recall button (MR ME-READ)

⑳ Code monitoring button (CM CODE MON)


㉗ Memory search button (MS MEMORY-S)
㉘ Reset button (RESET)
㉙ Speech button (PTT)
㉚ Squelch button (SQ)
㉛ listening key (MONITOR-S)

① Listening indicator (MON)
In operating mode III, no function

② ready light (STDBY)
Lights up in code squelch mode
with each operation to indicate on-going reception

③ Busy display (BUSY)
Lights up when the microphone's talk button
is pressed to indicate that the
transmission is in progress

④ Power meter
Shows the intensity of the input signal
or the output power

⑤ reception display (For RX)
In operating mode III no function

⑥ send Screen (For TX)
In operating mode III no function

⑦ Channel memory display (CH-ME)
In operating mode III no function

⑧ store display (MEMO)
Lights up during memory operation

⑳ Key for code-monitoring (CM CODE MON)
the phone number is displayed
while the key is being pressed

㉑ callback button (RC RECALL)
The phone numbers will be displayed
while this key is pressed

㉒ CQ CQ button
Pressing this button will enter the channel
number you are currently using into memory

㉓ Memory recall button (MR ME-READ)
Press this button, with the desired memory
number button pressed, to recall a stored
channel number.

㉔ Call display (HOLD)
Illuminates during the storage of
the used channel number

㉕ listening key (M MON)
When this key is pressed, the channel number
increases. In addition, the mode is changed when
this key is pressed after the clear key (C CLR).

⑨ numerical display
Displays phone number, channels and memory numbers. In operating mode IIII, the channel number is always displayed

⑩ Volume knob (VOLUME)
For setting the reception volume

⑪ SQUELCH- display
When this indicator lights, the squelch level can be adjusted with the squelch button. As long as the display does not light up, the squelch will be automatically activated.

⑫ SQUELCH- Squelch knob
For manual adjustment of the squelch level.

⑬ ON / OFF switches (POWER)
To turn the device on and off

⑭ On indicator (ON)
Lights up when the device is turned on.

⑮ Number keys (0 to 9)
For setting the channel and memory numbers

⑯ Return key (RTN)
In operating mode III no function

⑰ Channel memory button (CH-ME)

In operating mode III no function

⑱ memory button(M MEMO)
To store channel numbers, first press this key and then the desired memory key.

⑲ Clear key (C CLR)

This key is used when you want to set a new phone number. The preset number is cleared by pressing the key. In addition, the operating mode can be changed. when the key (MON) is pressed after the key is pressed.

MICROPHONE

㉗ Memory search button (MS MEMORY-S)

After pressing this key, the stored channel numbers are recalled in numerical order

㉘ Reset button (RESET)
Pressing this button will reset the device to speech on standby. In operation mode III, operation is the state in which no sound is heard from the speaker until speech is switched to operation mode by operation

㉙ talk button
The key is pressed to send, then released to receive

㉚ Squelch Button (SQ)
To switch between automatic squelch and manual squelch. When the squelch adjustment is done by hand

㉛ listening key(MONITOR-S)
Like ㉕ monitor key (MON).

APPLICATION MODE III SQUELCH

6–5. radiocommunications

A. Receive

When the unit is changed from another mode to mode III, the standby indicator (STDBY) will light up.
This indicates that the code squelch has been enabled.

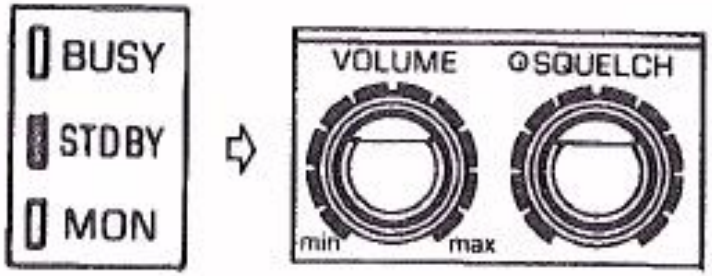
Likewise, the reception is indicated on the indicated channel. Tune in the squelch button so that the reception is as smooth as possible.

B. Transmit

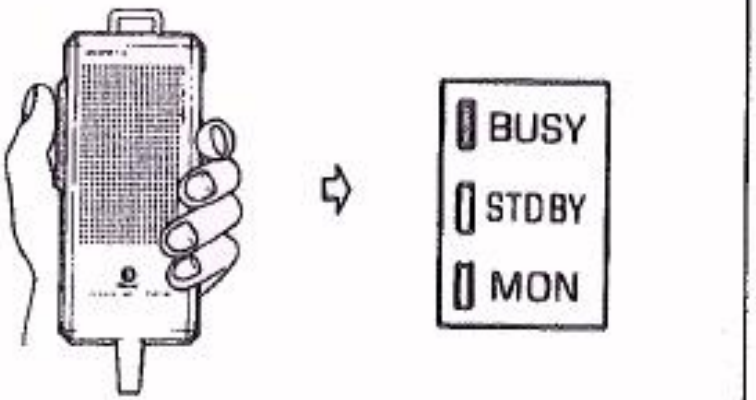
When the talk button of the microphone is pressed, a beep will sound and the unit will send out the number at the same time.

The call indicator (BUSY) lights up to indicate the voice mode.

1



2



7. SQUELCH

The squelch prevents sound from being heard from the loudspeaker during periods of no signal reception. It is usually best to use the auto-squelch function (squelch indicator does not light up).

The hand setting of the squelch (indicator lights up) is used when remote stations with weak signals are called. The squelch button should be turned to the right until no noise is heard.

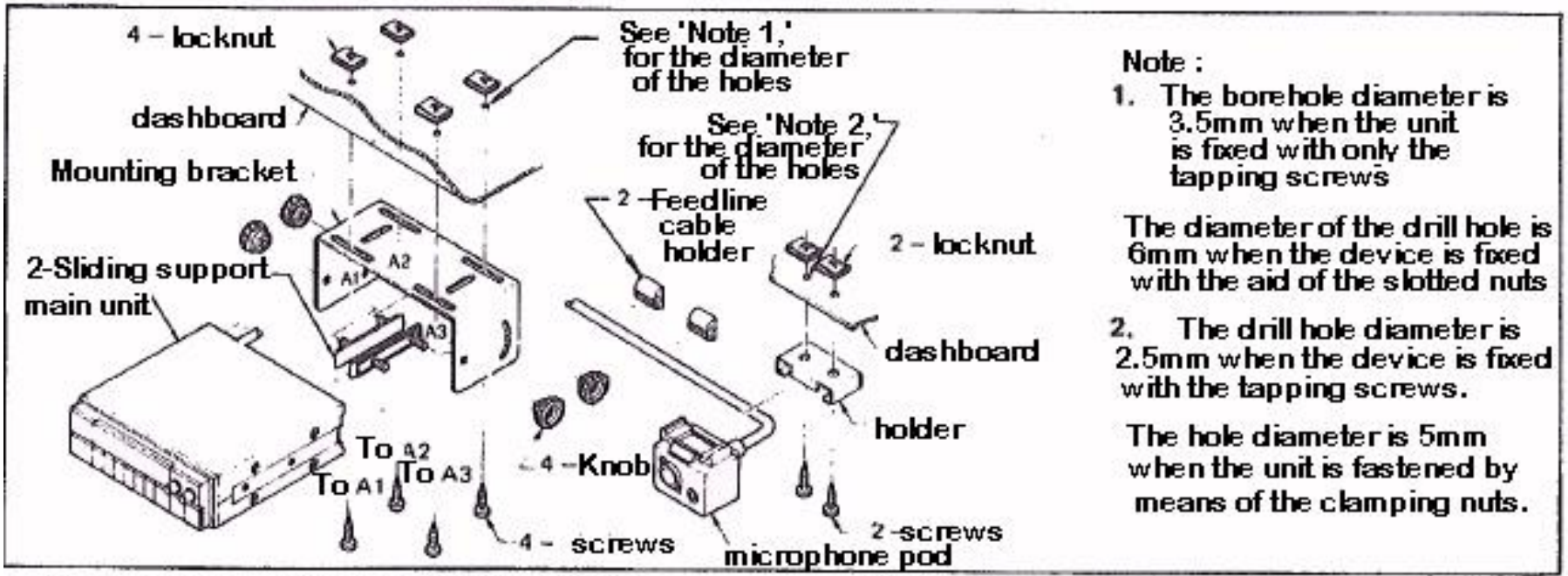
Here, in intervals without signal reception nothing is heard.

8. INSTALLATION

Installation under the dashboard

The device can be permanently installed or so that you can take it out of the holder at any time.

Installation of the main unit



Note :

1. The borehole diameter is 3.5mm when the unit is fixed with only the tapping screws

The diameter of the drill hole is 6mm when the device is fixed with the aid of the slotted nuts

2. The drill hole diameter is 2.5mm when the device is fixed with the tapping screws.

The hole diameter is 5mm when the unit is fastened by means of the clamping nuts.

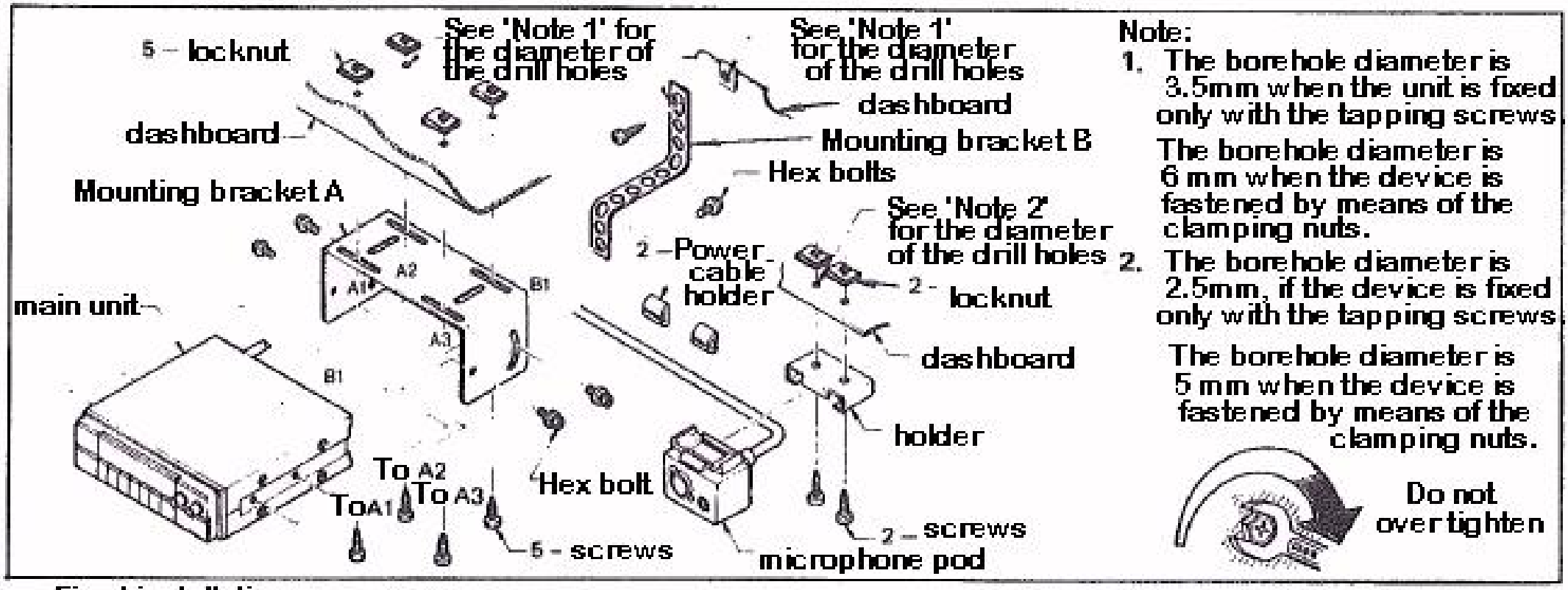
- Installation for easy removal of the device

To mount the mounting bracket A 4 punch (3.5mm) into the dashboard. Fasten the mounting bracket A to the dashboard with the screws (M5 x 20).

If this hardware part is not made of sheet metal, the enclosed clamping nuts (M5) must be placed under it.

Install the slide brackets on the left or right side of the mounting bracket A and provisionally fasten them with the adjusting buttons. The slide holders must be installed with the long side forward

Then insert the slide brackets into the slots of the main unit and secure the unit by tightening the buttons after determining the correct position or mounting angle.



- Fixed installation

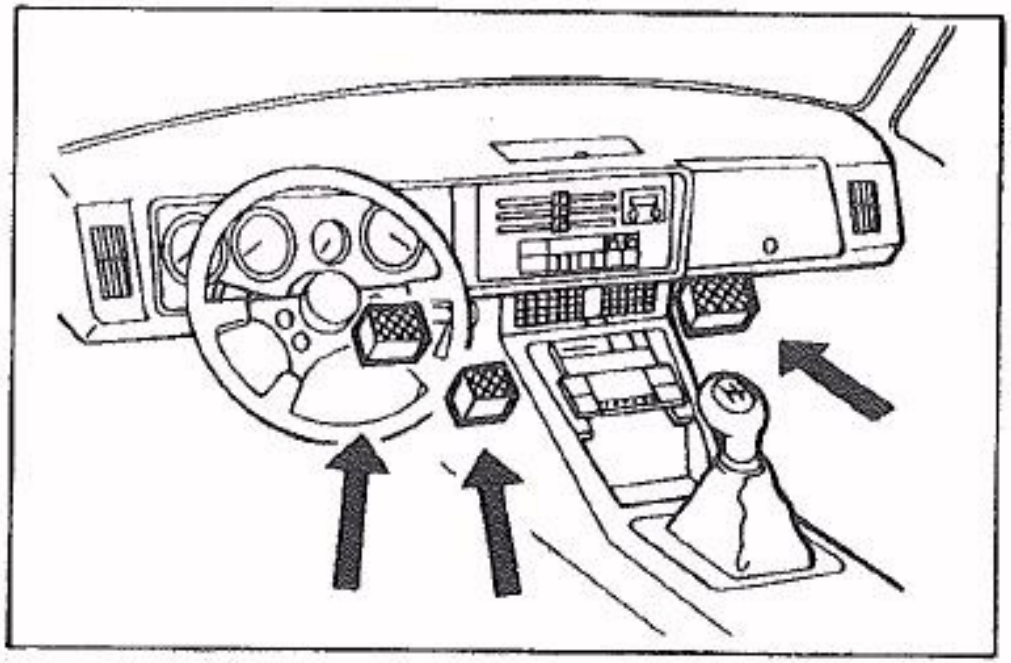
In addition to holes for mounting bracket A, drill a hole (3.5mm) behind dashboard mounting bracket B. Temporarily secure the main unit to the mounting bracket with the hexagon nuts (M5 x 14) (not with slide bracket and buttons).

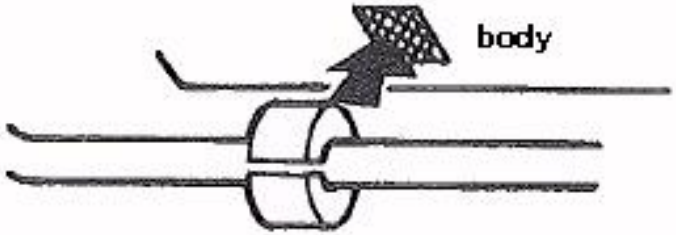
Shape the mounting bracket B so that it extends from the hole on the back of the unit to the hole behind the dashboard.

Temporarily secure the mounting bracket B to the vehicle body with the hexagon nuts (M5 x 9) on the unit and a self-tapping screw (M5 x 20). Make sure that no parts are distorted and tighten all screws.

The screws must not be over-tightened.

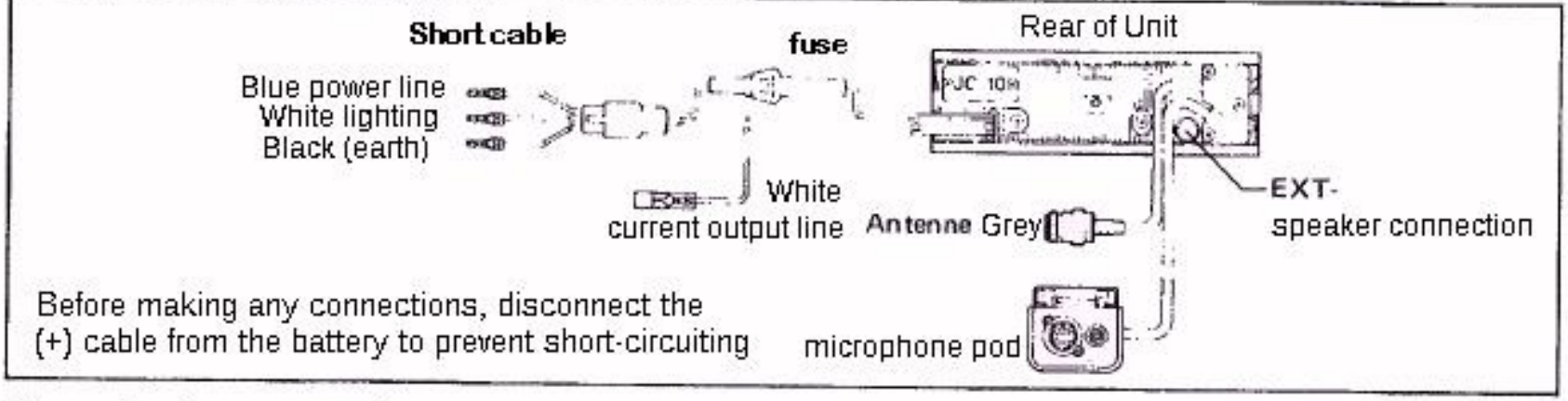
Installation of the microphone box





Install the microphone box in a place where it does not affect the driver and where it kicks and bumps, for sure.
Drill two holes (2.5mm) for the microphone bracket and secure the bracket with self-tapping screws (M4 x 20).
Fix the microphone cable with the two supply cable holders.

9. Connection



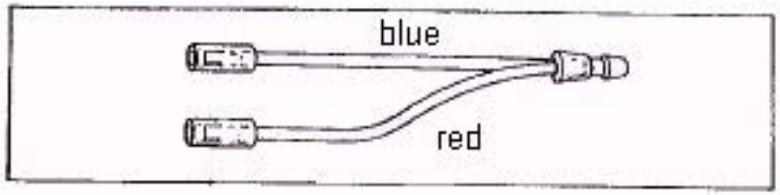
Before making any connections, disconnect the (+) cable from the battery to prevent short-circuiting

Connection to power supply

Be sure to perform the three power connections.

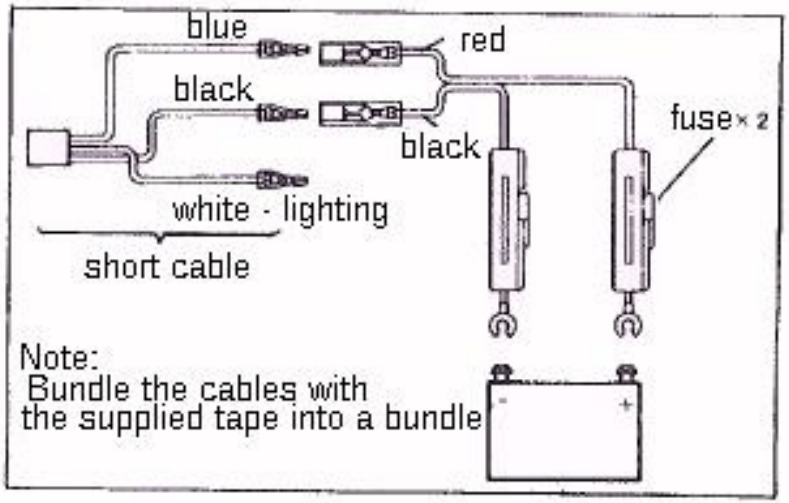
- Connection with the short cable

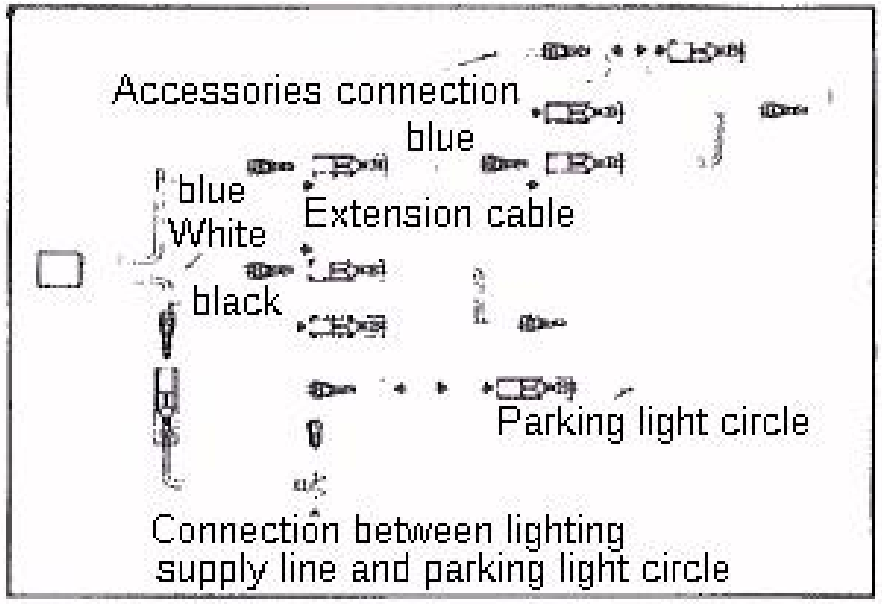
  Connect the (+) power supply to the (+) cable of the car radio, cigarette lighter or similar source where the power supply is cut off when the ignition is switched off (for example, special accessory connection)
  Use the supplied Y-shaped cable for this connection.

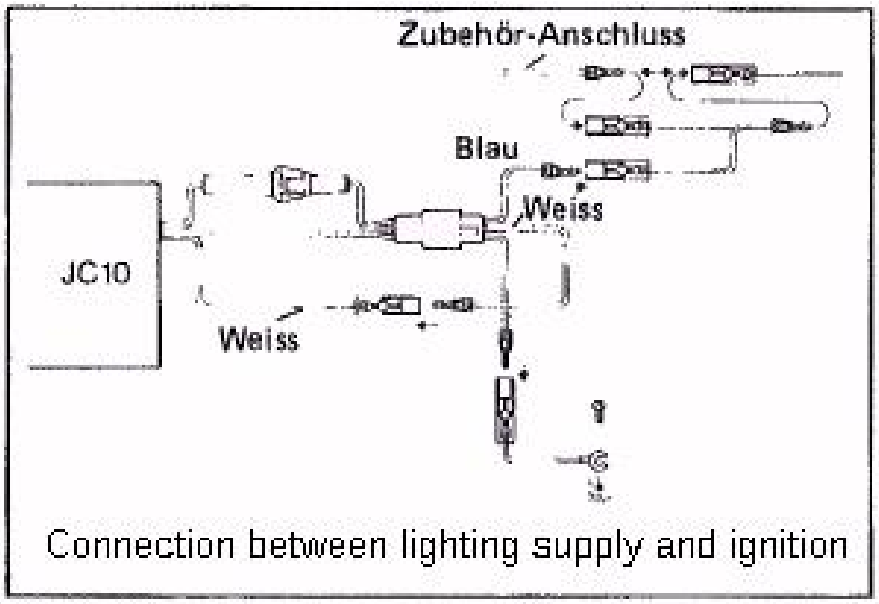


- Connection with a long cable (sold separately)

  Direct connection to the car battery has the advantage that in case of potential voltage drop or noise no loss of transmission occurs





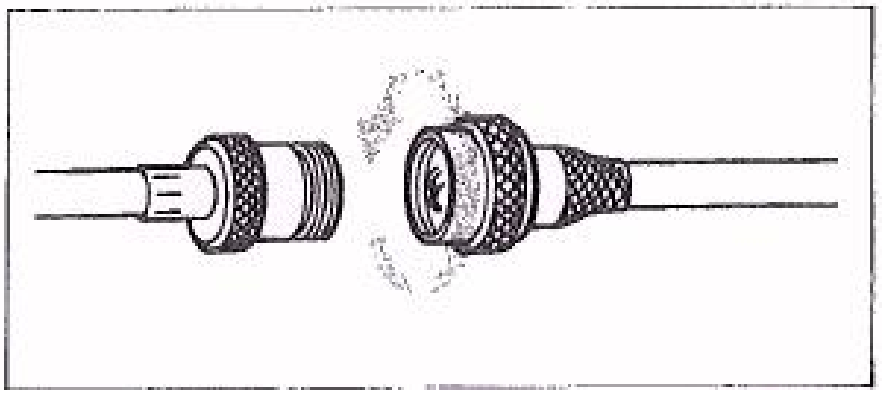


The power supply for the lighting of the device (WHITE) must be connected to the parking light circuit.

Connect the power output line (white wire) for connection between the power output of the JC10 and the lighting with the lighting cable (white cable).

Ground the grounding cable (black cable) with a screw on a metal part of the vehicle bodywork. (If the accessory connector is too far away, the supplied extension lead can be used.)

Antenna



Connect the N-screw connection of the strong grey cable to the screw connection of the antenna cable.

microphone pod

The microphone box contains a microphone and a socket for an external speaker. Microphone and external speaker are connected after installation of the box.

As soon as the external speaker plug is connected to the jack, the loudspeaker built into the microphone is switched off.

socket for external speaker

This jack is for connecting an external speaker.
After connecting a speaker, the sound can be heard from both the microphone speaker and the external speaker.

Be careful about the connection

- Choose a location where the unit and cable are not exposed to high temperatures or moisture.
- Secure the cables with the cable holders, insulating tape and plastic straps.

  Care must be taken that the cables can not be damaged by sharp edges of the body or screw heads
- Blown fuses must be replaced by fuses of the same capacity.
- If fuses blow repeatedly, there may be a damage to the device or a wrong connection. In such cases, the dealer or an authorized service agent must be consulted

10. CUSTOMER SERVICE

1. warranty card

   the warranty certificate for this device is included separately. It must be ensured that the date and place of purchase are entered. keep the guarantee certificate well.

2. warranty period

   The warranty for this device covers a period of one year from the date of purchase. If a disruption occurs within these time limits, your trader or an authorized service agent will repair the damage for free in accordance with the terms of the guarantee.

3. Repairs to the warranty and instability of damages for which no liability is assumed

   Your dealer or an authorized service center can carry out repairs for a small amount. If there are any questions regarding the customer service, please contact your dealer or an authorized service center.

11. TECHNICAL SPECIFICATIONS

Frequencies : **933,0125–933,9875 MHz,**
934,0125–934,9875 MHz
control channel **933,0125, 934,0125 MHz**
speaking channels **933,0375–933,9875 MHz**
(in 25 kHz steps)
934,0375–934,9875 MHz
(in 25 kHz steps)

Broadcast type control channel **F2D**
speaking channels **F3E**

Transmission format: Single-channel system
Antenna impedance: 50 ohms, unbalanced

transmission
Antenna Performance : 5 W

(reception)
Reception format: double superheterodyne
Intermediate frequencies 1. I.F. **58,1125 MHz**
2. I.F. **455 kHz**

receiving sensitivity better than **0 dB μV (20 dB NQ)**
output **1 W/8 Ohm**
power supply **13,8 V** direct current (on earth)

input (at 13.8v, lighting off) Standby (STDBY) 0.6A
transmission; to, 2.5A

outside dimensions
160(B) x 50(H) x 150(T) mm
(excluding, protruding parts)

mass approx. 1.5 kg (main unit without accessories)

12. OPTIONAL

JAB-930	Antenna for home station
JAT-930	Antenna for car, trunk / hatchback
JAT-931	Antenna for car, boot
CAA-076	DC-DC converter
JP-9101A	Home station power supply
EMA-032	Flex microphone
EMA-033	Microphone with stand for home station
SPA-923	Monitoring speaker
JP-1000A	Shoulder strap for outdoor transport
CAX-277	Rotary rack
CAX-280	Adapter set for swivel rack
CAA-080	Antenna extension cable for straps
CCA-077	Long cable for direct connection to the car battery

13. TROUBLE LIST

Im Falle einer Störung sollte man zunächst versuchen, den Fehler anhand der folgenden Liste selbst zu finden und zu beheben. Sollte dies nicht möglich sein, muß umgehend Ihr Fachhändler oder eine autorisieurte Service-Stelle zu Rate gezogen werden.

FAULT	CHECK POINTS	REMEDY
no transfer possible.	Radio traffic is disturbed by too many radio waves	Wait a while to press the talk button again
	the device is set to listen	It is possible to switch from interception to intercom . mode if the telephone numbers are identical and a control signal is received from the other station
	The phone number is not 5 digits, it is shorter	use the numeric keys to set a 5-digit number, to zero to 3-digit or 4-digit numbers (0).
No reception possible	volume to min, (button all the way to the right)	Volume up
	The number of the other station is different	set the correct number of the other station with the random keys or use the CQ key
the speech is interrupted, with the tone being heard at the beginning of the speech.	data tones are heard	After pressing the PTT key, the unit starts to search for a free channel and the desired station, at the beginning of the reception a beep sounds as a confirmation tone (maximum 2.5 sec.). the device works normally
the speaking area is limited	The correct connection cable is not used and not the specified antenna	coaxial cable (e.g., 2.5D-2V or 3D-2V) and use the specified antenna