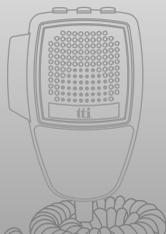
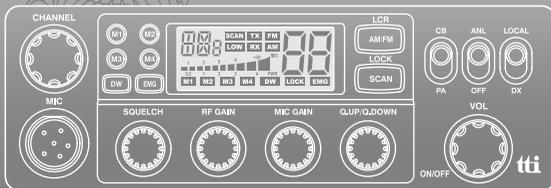


# FREQUENCY



## TCB-880



### 4W MOBILE CB TRANSCEIVER INSTRUCTION MANUAL



[www.ttikorea.co.kr](http://www.ttikorea.co.kr)

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ENGLISH

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## 1. Introduction

TCB-880 transceiver is designed to have a good performance in any conditions that the transceiver operates, using rugged build chassis, PCB's and components. This transceiver is also designed for users' convenience, implementing human ergonomics to locate the knobs and buttons in the proper places. The combination of well designed knobs and buttons as well as user friendly graphic layouts will lead users to quickly adapt themselves for the easy operation. The newly applied menu mode will make professional users more satisfactory with pleasure. The elegant and luxury blue LED light supporting the face design will go well with any vehicles.

This instruction manual has been designed to enable you to get the best use from your CB Transceiver, therefore you are recommended to take a few minutes to read this instruction manual before initial use of your CB Transceiver.

## 2. Supplied Accessories

Your transceiver is supplied with a full range of accessories to help you get started and virtually benefit from all the features straight away.

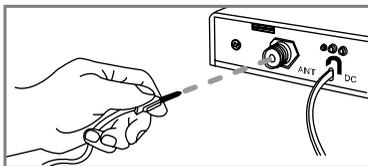
|  |          |
|--|----------|
| TCB-880 transceiver                                  | 1 unit   |
| Microphone with cord                                 | 1 unit   |
| Power cable  | 1 unit   |
| Radio mounting bracket                               | 1 unit   |
| Radio mounting thumb screw with rubber washer        | 2 pieces |
| Mounting screw with washer (for transceiver bracket) | 3 pieces |
| Mounting screw with washer (for microphone bracket)  | 2 pieces |
| Microphone mounting bracket                          | 1 piece  |

## 3. Installation

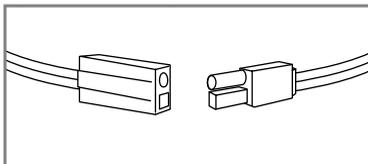
Plan the location of the transceiver and microphone first, which is most convenient for the operation. The transceiver should normally be mounted horizontally, but may be mounted vertically. The bracket supplied can be fitted above or below the case allowing the TCB-880 to be cradled by the bracket or suspended from it.

Consider that this location of the transceiver should not interfere with the driver and passengers. Choose a spot where the microphone and all controls are easily accessible.

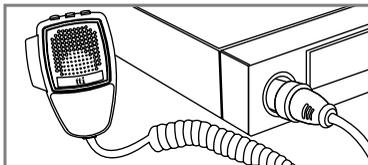
- 1) Put the mounting bracket on the proper location where you are going to install.
- 2) Drill holes and fix mounting bracket on the location.
- 3) Connect the antenna cable plug to the standard receptacle on the transceiver, which is marked "ANT".

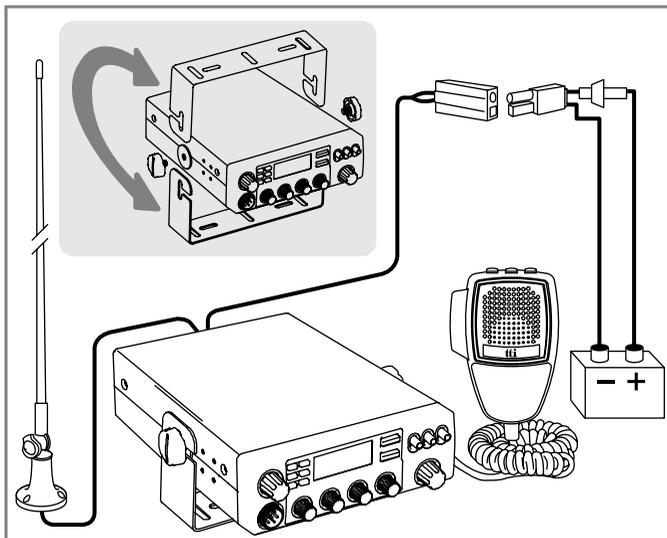


- 4) Connect the power cable directly to the vehicle battery or fuse box of the car. Be careful to make sure of the polarity of the battery first and connect the cable. (Red: Positive Pole(+), Black: Negative Pole(-). The same colours are shown on the battery and in the fuse box of the car.)
- 5) Connect the power cable to the transceiver cable.



- 6) Mount the microphone bracket on one side of the transceiver, or near it using two screws included.
- 7) Connect the microphone to the transceiver's microphone receptacle. Now you are ready to operate the transceiver.





### Installing An Antenna

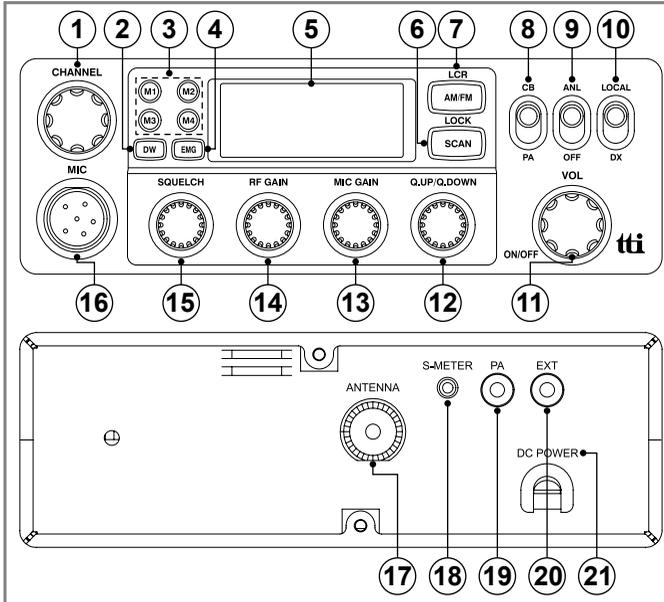
It is very important to select a good quality high efficiency 27MHz antenna. A poor quality antenna or one not designed for the 27MHz band will give very poor performance and could cause damage to the transceiver.

- 1) Place the antenna as high as possible.
- 2) The longer the antenna is, normally the better is the performance of the transceiver.
- 3) Try to mount the antenna in the centre of the surface that you select.
- 4) Make sure that you have a solid metal-to-metal ground connection.
- 5) Be careful not to damage the cable during the installation.

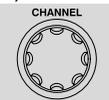
**Warning :** Never try the operation of your transceiver before connecting a proper antenna in order not to cause any damage.

## 4. Transceiver Controls and Functions

ENGLISH



### 1) Channel Selector



Turn right or left, and this allows you to select the channel one by one that you like to use.

### 2) Dual Watch



Press momentarily this button, and this allows you to monitor two channels that you pre-selected and memorized. You may select the emergency channel. To stop this function, press momentarily again this button.

To set the dual watch for the first time, press this button momentarily while you are on the current (primary) channel. The DW icon will be blinking.

Select another channel that you like to use as sub-channel (secondary channel) during the icon's blinking using the channel selector or quick up/quick down selector. Press this button momentarily again to activate the dual watch. The icon stops blinking and keeps being displayed. The dual watch starts.

To change the dual watch channels, press the DW button during dual watch operation. The dual watch stops.

If you press the PTT button whilst receiving a signal in dual watch mode the transceiver will transmit on the currently displayed channel. If you press the PTT button when no signal is present the transceiver will transmit on the primary channel.

**Emergency Scan** : Press dual watch button for about two (2) seconds. The transceiver starts the emergency scanning. The transceiver visits the emergency channel once in every second during this scanning. Press the scan button to deactivate this scanning.

### 3) Memory Channel Selectors



Momentary press allows you to directly access the pre-memorized channels (Memory Recall).

The LCD displays one of the memory number icons (M1, M2, M3 and M4).

To memorize channels (Memory Store), first select the channel that you are going to memorize and press one of the memory channel selectors for more than 3 seconds. This will make the channel memorized and at the same time the transceiver starts to operate on the same channel.

To return to the previous channel operation, momentarily press the memory channel selector, or use the channel selector or quick up/quick down selector.

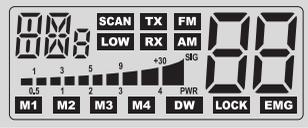
When you select a channel and the channel is same as one of the memorized channels, the matching memory number icon blinks.

4) Emergency Button



Pressing this button will lead you to the emergency channel, "CH 9" and the EMG icon will be displayed. The channel selector, quick up/quick down selector and any memory channel selectors will not work. To return to the previous operation mode, momentarily press the emergency button again.

5) LCD Display



Most of the operational information is displayed. Please see item no. 5 for the details of information.

6) Scan/Lock Button



**Scan** : Press this button momentarily to start scanning upward to catch any channels that are occupied by others.

To activate/deactivate the channel scan, press the Scan button briefly. The Scan icon will appear when the channel scan is active. Scanning will only stop when you deactivate the scan function.

Turn the channel selector counter-clockwise during scanning in order to change the scanning direction.

The transceiver will scan through the whole transceiver channels. If your transceiver detects a valid signal the scan will pause for the period that has been set by the menu mode setting (continuously receiving or 1-99 seconds for scan receive time and immediate response or 1-99 seconds for scan delay time).

If you press the PTT button when your transceiver detects a signal, the radio will transmit on the same channel. Scanning will resume after the scan receive time and/or the scan delay time. Use the channel selector or quick up/quick down selector to resume scanning immediately.

If you press the PTT button during scanning, the radio will return to your original channel. Scanning will resume after the scan receive time and/or the scan delay time. Use the channel selector or quick up/quick down selector to resume scanning immediately.

**Lock :** Press this button for more than 2 seconds to activate and deactivate the keypad lock function. This function locks only the channel selector, quick up/quick down buttons, AM/FM button and scan button. Other buttons and selectors work normal.

7) AM/FM and LCR Button



When the transceiver is used in UK, UE, or EC frequency band modes this button activates or deactivates Last Channel Recall function. In all other modes (where national regulations permit this), this button allows user to switch between AM and FM modes by momentarily pressing this button.

8) CB/PA Selector



This selector should be on CB location in order to operate the CB transceiver. To make a public announcement, the PA can be selected. In this case only the PTT button works and you can speak through the PA speakers.

9) ANL/OFF Selector

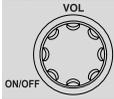


By selecting the ANL location, the transceiver can reduce such impulsive noise as generated by engine of your vehicle or external sources. This works only when the transceiver is in AM mode.

10) Local/DX selector



To receive weak signals, locate the selector on the DX position. While the transceiver is in the location where the signal is very strong, location the selector on the Local position. This gives attenuation to get better audio sound.

**11) Volume and Power On/Off Knob**

To switch on the transceiver turn this knob clockwise. After clicking sound the transceiver is switched on. The more you turn this knob clockwise, the bigger the audio sound grows.

**12) Quick Up/Quick Down Selector**

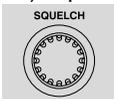
Turn this selector clockwise to increase channel numbers by 10 steps. Turning this selector counter-clockwise reduces the channels by 10 steps.

**13) Microphone Gain Knob**

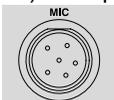
Turn this knob clockwise and counter-clock until you get better microphone gain while you move the microphone to the optimum distance from your mouth.

**14) RF Gain Knob**

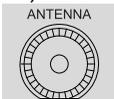
Turn this knob clockwise until you get better RF gain. You may need to decrease the sensitivity by turning the knob counter-clockwise when there is a very strong signal.

**15) Squelch Control knob**

Turn this knob counter-clockwise until you hear the background noise and then turn the knob a little clockwise until the noise disappears. In this way, you get the best receive sensitivity.

**16) Microphone Jack**

Insert the microphone into this jack. Use the guide for easy connection.

**17) Antenna Connector**

Insert the male connector of the antenna cable into this female antenna connector.

18) S-Meter



Connect an external S-Meter (This is not supplied.) to this port.

19) PA Jack



Connect a loud speaker to use this transceiver as an audio amplifier.

20) EXT Jack



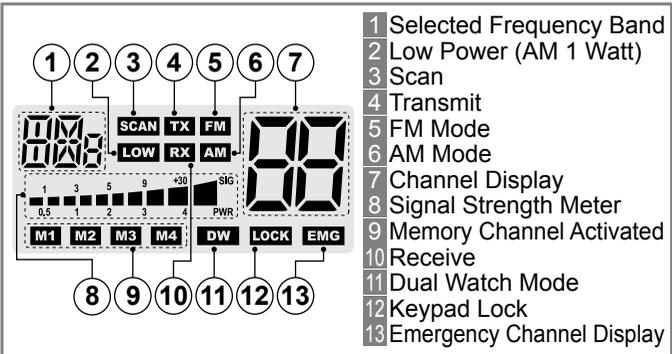
Connecting a loud speaker to this port makes the built-in speaker turned off.

21) Power 13.8V DC

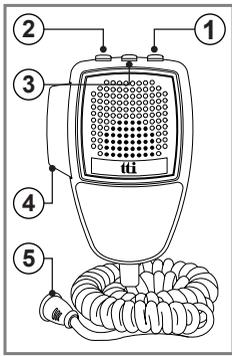


Connect the power supply cable to this port.

5. LCD Display



**6. Microphone**



- 1 Up Button : Use this button to change the channels upward.
- 2 Down Button : Use this button to change the channels downward.
- 3 Lock Button : This locks the up button and down button of the microphone. Also, this lock works same as the lock button on the transceiver front panel.
- 4 PTT Button : While pressing this button, you can transmit.
- 5 6 Pin Microphone Connector : Connect this to the microphone jack on the front panel of the transceiver.

**7. Menu Setting Mode**

Pressing the Lock button of the microphone, turn on the transceiver. The transceiver goes to the Menu Setting Mode, which has the following menu features. This menu setting mode allows you to program user preferences, activate features and use advanced functions.

| Display | Functions                                    | Settings                      |
|---------|--|-------------------------------|
| bp      | Beep Tone                                    | On(ON) / Off(OFF)             |
| to      | Time-out Timer                               | Off(OFF) and 1~99 Sec.        |
| sr      | Scan Receive Timer                           | Continue(LO) and 1-99 Sec.    |
| sd      | Scan Delay Timer<br>(after Receiving signal) | Off(OFF) and 1~99 Sec.        |
| bl      | Backlight Dimmer                             | High(HI) / Low(LO) / Off(OFF) |

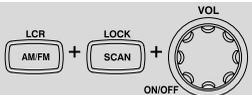
**Note :**

1. Use Channel Selector to select the main menu features such as Beep Tone, Time-out Timer, Scan Receive Timer, Scan Delay Timer, Backlight Dimmer and Backlight Timer.
2. Use AM/FM button to enter value setting level.
3. Use Channel Selector to select or change any value that you like to have while the values are blinking.
4. Use SCAN button to return to the previous main menu features.
5. Press Lock button or PTT button of the Microphone to complete the selections and changes and return to the stand-by mode. Or the selections and changes will be automatically confirmed after 5 seconds of the selections and changes. Using Scan button to return to the previous main menu features will be accompanied by the automatic confirmation of the selected values and changes.

**8. How to Operate the Transceiver**

- 1) Make sure the microphone is connected to the microphone jack.
- 2) Make sure the power cable is connected properly.
- 3) Make sure the antenna is connected to the antenna receptacle.
- 4) It is better to put the squelch control knob turned fully counter-clockwise.
- 5) Turn on the transceiver and control the volume level.
- 6) Adjust the squelch control knob to the optimum level.
- 7) Select your desired channel.
- 8) To transmit, press the PTT button and speak to the microphone.
- 9) Release the PTT button to receive.

**9. Band Selection**



Pressing AM/FM button and Scan button at the same time, turn on the transceiver. Using the channel selector, select the band that you are going to select. The LCD display offers you the band information. The band chart for each area is as follows. Press AM/FM button while the band information is blinking or wait for 5 seconds to complete the selection and go to the transmit and receive mode. This transceiver has "EC" band setting when it is shipped out from the factory.

| Settings      | Display | Band  |
|---------------|---------|---|
| EC            | EC      | Europe 40 Ch FM 4W  |
| E             | E       | Spain 40 Ch AM/FM 4W  |
| F             | F       | France 40 Ch FM 4W, 40 Ch AM 1W                                 |
| PL            | PL      | Poland 40 Ch AM / FM 4W<br>(Polish Frequencies : 5KHz)          |
| UK            | UK      | UK 40 Ch FM 4W (British Frequencies)                            |
| UE<br>(EU/UK) | UE      | UK 40 Ch FM 4W (British Frequencies)<br>+ CEPT 40 Ch FM 4W (EC) |
| I             | I       | Italy 40 Ch AM / FM 4W  |
| I2            | I2      | Italy 34 Ch AM / FM 4W  |
| D             | d       | Germany 80 Ch FM 4W, 12 Ch AM 1W                                |
| D2            | d2      | Germany 40 Ch FM 4W, 12 Ch AM 1W                                |
| EU            | EU      | Europe 40 Ch FM 4W, 40 Ch AM 1W                                 |

## 10. Trouble Shooting

If you experience problems with your TCB-880 transceiver, first check the power supply source. Poor connection of the power supply source can cause problems such as no transmission, no reception or poor reception, and weak or no sound. Ensure that the microphone and antenna are also well connected.

If this does not solve the problem, reset your transceiver as follows.



- 1) Switch off the transceiver.
- 2) Pressing M1 and M2 buttons at the same time, switch on the transceiver.

This will reset the transceiver, so all the memories are erased and the parameters return to the initial factory setting. This should fix most problems. In case of further difficulty, please consult your dealer or visit our website.

## 11. CE Declaration

## 12. Safety Requirement

## 13. E Mark Declaration

**14. Specification**

|                    |   |   |
|--------------------|---|---|
| <b>GENERAL</b>     | Channel                                     | 40 (See the frequency band chart)                                   |
|                    | Frequency Range                             | 26.965 MHz ~ 27.405 MHz   |
|                    | Operating mode                              | F3E (FM), A3E (AM)  |
|                    | Frequency Control                           | PLL Synthesizer   |
|                    | Frequency Tolerance                         | ±0.002%   |
|                    | Operating Temperature Range                 | -10 to + 55 °C  |
|                    | Microphone                                  | Plug-in Type  |
|                    | Input Voltage                               | 13.8V DC ± 15%  |
|                    | Size  | 156 (W) x 176 (L) x 51(H)   |
|                    | Weight                                      | 990 g   |
| Antenna Connector  | SO-239 type                                 |   |
| <b>TRANSMITTER</b> | Power Output                                | Duty cycle 10% 4 Watts @13.8V DC                                    |
|                    | Modulation                                  | AM:from 85% to 95%<br>FM:1.8KHz ± 0.2KHz                            |
|                    | Frequency Response                          | 300Hz to 3000Hz   |
|                    | Output Impedance                            | 50ohms, Unbalanced  |
|                    | Harmonic Suppression                        | More than -36dBm  |
| Current Drain      | AM Full Mod. 1.6A Max.                      |   |
| <b>RECEIVER</b>    | Receiving System                            | Dual conversion superheterodyne                                     |
|                    | IF Frequencies                              | Double Conversion 1st 10.695MHz/2nd 455KHz                          |
|                    | Sensitivity                                 | 0.7µV for 10dB(S+N)/N in AM Mode<br>0.5µV for 20dB SINAD in FM Mode |
|                    | Audio Output Power                          | 2.0W @ 8 Ohm  |
|                    | Audio Distortion                            | Less then 8% @ 1KHz   |
|                    | Image Rejection                             | 60 dB   |
|                    | Adjacent Channel Rejection                  | 60 dB   |
|                    | Conducted Spurious                          | More than 60 dB   |
|                    | Frequency Response                          | 300 to 2500Hz   |
|                    | Built-in Speaker                            | 8 Ohms, round   |
| Squelch            | Adjustable; Threshold less than 1 microvolt |   |

\* Specification is subject to change without prior notice.

**15. Restrictions on the use**

| COUNTRY                                | Settings   | Use restrictions and other comments   |
|--|--|---|
| BELGIUM                                | EU F EC  | 40 Ch - 4W FM - Individual licence is required  |
| SWITZERLAND                            |  | 40 Ch - 1W AM - Individual licence is required  |
| DENMARK,NORWAY<br>LUXEMBOURG           |  | EC 40 Ch - 4W FM - Free use   |
| FINLAND,PORTUGAL<br>FRANCE,NETHERLANDS | EU F EC  | 40 Ch - 4W FM - Free use<br>40 Ch - 1W AM - Free use  |
| GERMANY                                | D  | 80 Ch - 4W FM - Individual licence is required<br>12 Ch - 1W AM - Individual licence is required                        |
|  | EU   | 40 Ch - 1W AM - Use ch 4-15 only  |
|  | D2 EC  | 40 Ch - 4W FM - Free use<br>12 Ch - 1W AM - Individual licence is required  |
|  | fx Allowed: from 26.960 to 27.410 MHz "BAPT 222 ZV 104"  |   |
| GREECE                                 | E EU F I EC  | 40 Ch - 4W FM - Free use<br>40 Ch - 5W AM - Free use  |
|  | T/R 20-02  |   |
| IRELAND                                | E EU F I EC  | 40 Ch - 4W FM - Free use<br>40 Ch - 1W AM - Free use  |
|  | S.I. No 436 of 1998. WIRELESS TELEGRAPHY ACT, 1926 (SECTIONS)<br>(EXEMPTION OF CITIZENS' BAND (CB) RADIOS) ORDER, 1998 |   |
| ITALY                                  | E EU F I EC  | 40 Ch - 4W FM - General authorisation is required<br>40 Ch - 1W AM - General authorisation is required<br>34 Ch - 4W FM |
|  | I2   | 34 Ch - 1W AM(ERP) *AM mode allowed on ch1-23 only  |
|  | PNF issued on DM 08.07.02 NOTES 49 A-B-C-D-E-G   |   |
| SPAIN                                  | E EU F EC  | 40 Ch - 4W FM - Individual licence is required<br>40 Ch - 4W AM - Individual licence is required                        |
|  | Art. 57 - Law 11/1998 dated 24th April   |   |
| SWEDEN                                 | EU F EC  | 40 Ch - 4W FM - Free use<br>40 Ch - 1W AM - Individual licence is required  |
|  | UK   | EC 40 Ch - 4W FM - Individual licence is required   |
| UK                                     | UK-RA-MPT 1382/MPT1320; UK-R&TTE - S.I.L. 2000:730   |   |
| POLAND                                 | PL EU EC   | 40 Ch - 4W FM / AM - Free use   |

## 16. Frequency Table

|    | EU/E/F/<br>UK(CEPT) | EC     | I      | I2     | D  |        | D2 | PL     | UK<br>(ENG.) |        |          |
|----|---------------------|--------|--------|--------|----|--------|----|--------|--------------|--------|----------|
| 1  | 26.965              | 26.965 | 26.965 | 26.965 | 1  | 26.965 | 41 | 26.965 | 26.965       | 26.960 | 27.60125 |
| 2  | 26.975              | 26.975 | 26.975 | 26.975 | 2  | 26.975 | 42 | 26.975 | 26.975       | 26.970 | 27.61125 |
| 3  | 26.985              | 26.985 | 26.985 | 26.985 | 3  | 26.985 | 43 | 26.985 | 26.985       | 26.980 | 27.62125 |
| 4  | 27.005              | 27.005 | 27.005 | 27.005 | 4  | 27.005 | 44 | 27.005 | 27.005       | 27.000 | 27.63125 |
| 5  | 27.015              | 27.015 | 27.015 | 27.015 | 5  | 27.015 | 45 | 27.015 | 27.015       | 27.010 | 27.64125 |
| 6  | 27.025              | 27.025 | 27.025 | 27.025 | 6  | 27.025 | 46 | 27.025 | 27.025       | 27.020 | 27.65125 |
| 7  | 27.035              | 27.035 | 27.035 | 27.035 | 7  | 27.035 | 47 | 27.035 | 27.035       | 27.030 | 27.66125 |
| 8  | 27.055              | 27.055 | 27.055 | 27.055 | 8  | 27.055 | 48 | 27.055 | 27.055       | 27.050 | 27.67125 |
| 9  | 27.065              | 27.065 | 27.065 | 27.065 | 9  | 27.065 | 49 | 27.065 | 27.065       | 27.060 | 27.68125 |
| 10 | 27.075              | 27.075 | 27.075 | 27.075 | 10 | 27.075 | 50 | 27.075 | 27.075       | 27.070 | 27.69125 |
| 11 | 27.085              | 27.085 | 27.085 | 27.085 | 11 | 27.085 | 51 | 27.085 | 27.085       | 27.080 | 27.70125 |
| 12 | 27.105              | 27.105 | 27.105 | 27.105 | 12 | 27.105 | 52 | 27.105 | 27.105       | 27.100 | 27.71125 |
| 13 | 27.115              | 27.115 | 27.115 | 27.115 | 13 | 27.115 | 53 | 27.115 | 27.115       | 27.110 | 27.72125 |
| 14 | 27.125              | 27.125 | 27.125 | 27.125 | 14 | 27.125 | 54 | 27.125 | 27.125       | 27.120 | 27.73125 |
| 15 | 27.135              | 27.135 | 27.135 | 27.135 | 15 | 27.135 | 55 | 27.135 | 27.135       | 27.130 | 27.74125 |
| 16 | 27.155              | 27.155 | 27.155 | 27.155 | 16 | 27.155 | 56 | 27.155 | 27.155       | 27.150 | 27.75125 |
| 17 | 27.165              | 27.165 | 27.165 | 27.165 | 17 | 27.165 | 57 | 27.165 | 27.165       | 27.160 | 27.76125 |
| 18 | 27.175              | 27.175 | 27.175 | 27.175 | 18 | 27.175 | 58 | 27.175 | 27.175       | 27.170 | 27.77125 |
| 19 | 27.185              | 27.185 | 27.185 | 27.185 | 19 | 27.185 | 59 | 27.185 | 27.185       | 27.180 | 27.78125 |
| 20 | 27.205              | 27.205 | 27.205 | 27.205 | 20 | 27.205 | 60 | 27.205 | 27.205       | 27.200 | 27.79125 |
| 21 | 27.215              | 27.215 | 27.215 | 27.215 | 21 | 27.215 | 61 | 27.215 | 27.215       | 27.210 | 27.80125 |
| 22 | 27.225              | 27.225 | 27.225 | 27.225 | 22 | 27.225 | 62 | 27.225 | 27.225       | 27.220 | 27.81125 |
| 23 | 27.255              | 27.255 | 27.255 | 27.255 | 23 | 27.255 | 63 | 27.255 | 27.255       | 27.250 | 27.82125 |
| 24 | 27.235              | 27.235 | 27.235 | 27.245 | 24 | 27.235 | 64 | 27.235 | 27.235       | 27.230 | 27.83125 |
| 25 | 27.245              | 27.245 | 27.245 | 27.265 | 25 | 27.245 | 65 | 27.245 | 27.245       | 27.240 | 27.84125 |
| 26 | 27.265              | 27.265 | 27.265 | 26.875 | 26 | 27.265 | 66 | 27.265 | 27.265       | 27.260 | 27.85125 |
| 27 | 27.275              | 27.275 | 27.275 | 26.885 | 27 | 27.275 | 67 | 27.275 | 27.275       | 27.270 | 27.86125 |
| 28 | 27.285              | 27.285 | 27.285 | 26.895 | 28 | 27.285 | 68 | 27.285 | 27.285       | 27.280 | 27.87125 |
| 29 | 27.295              | 27.295 | 27.295 | 26.905 | 29 | 27.295 | 69 | 27.295 | 27.295       | 27.295 | 27.88125 |
| 30 | 27.305              | 27.305 | 27.305 | 26.915 | 30 | 27.305 | 70 | 27.305 | 27.305       | 27.300 | 27.89125 |
| 31 | 27.315              | 27.315 | 27.315 | 26.925 | 31 | 27.315 | 71 | 27.315 | 27.315       | 27.310 | 27.90125 |
| 32 | 27.325              | 27.325 | 27.325 | 26.935 | 32 | 27.325 | 72 | 27.325 | 27.325       | 27.320 | 27.91125 |
| 33 | 27.335              | 27.335 | 27.335 | 26.945 | 33 | 27.335 | 73 | 27.335 | 27.335       | 27.335 | 27.92125 |
| 34 | 27.345              | 27.345 | 27.345 | 26.955 | 34 | 27.345 | 74 | 27.345 | 27.345       | 27.340 | 27.93125 |
| 35 | 27.355              | 27.355 | 27.355 | .....  | 35 | 27.355 | 75 | 27.355 | 27.355       | 27.350 | 27.94125 |
| 36 | 27.365              | 27.365 | 27.365 | .....  | 36 | 27.365 | 76 | 27.365 | 27.365       | 27.360 | 27.95125 |
| 37 | 27.375              | 27.375 | 27.375 | .....  | 37 | 27.375 | 77 | 27.375 | 27.375       | 27.370 | 27.96125 |
| 38 | 27.385              | 27.385 | 27.385 | .....  | 38 | 27.385 | 78 | 27.385 | 27.385       | 27.380 | 27.97125 |
| 39 | 27.395              | 27.395 | 27.395 | .....  | 39 | 27.395 | 79 | 27.395 | 27.395       | 27.390 | 27.98125 |
| 40 | 27.405              | 27.405 | 27.405 | .....  | 40 | 27.405 | 80 | 27.405 | 27.405       | 27.400 | 27.99125 |

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