SANGEAN

SANGEAN

TUNING

SELECT / MEMORY

BAND
TIME

MONO
ALARM

TUNING
/PRESET
TIME ADJ.

WX
TV
🎧

FM/AM/TV/WEATHER
4 BAND RECEIVER   DT-300VW

DT-300
DT-300
DT-300V

VOL

☉ᴛᴛ •

POWER

❶ ❸ ❺

❷ ❹

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SANGEAN

TUNING ⏱

☿ MEMORY

SELECT

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BAND
TIME

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MONO
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TUNING
/PRESET
TIME ADJ.

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WX

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FM/AM/TV/WEATHER
4 BAND RECEIVER
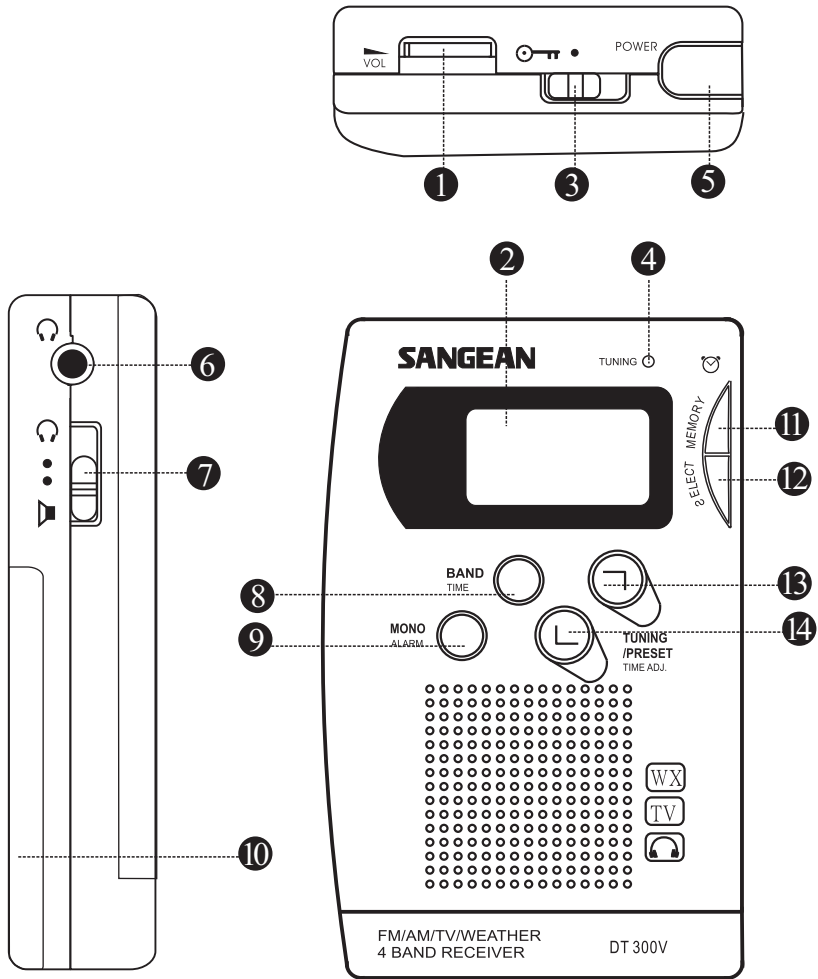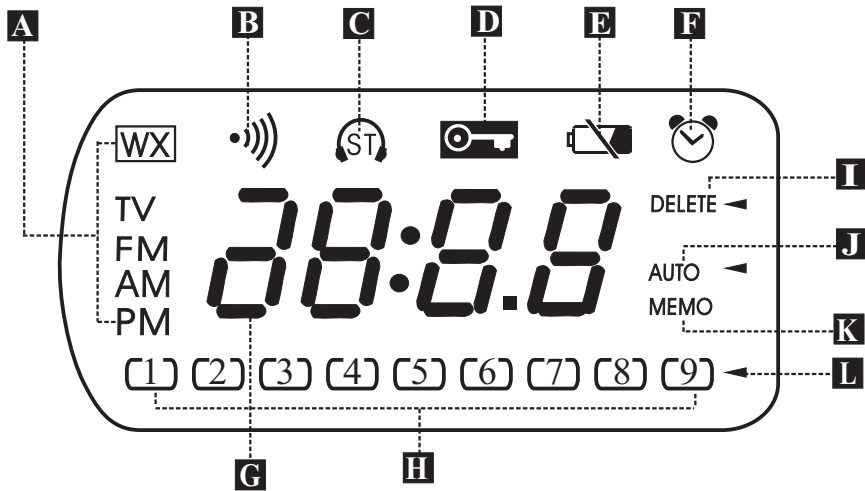
DT 300V

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Location Of Controls

Welcome to SANGEAN World of Listening.

To ensure proper operation please familianrize yourself with
These instructions before using your new receiver.

Location of Controls

Volume Control--❶
LCD Display---❷
Lock switch---❸
Tuning LED--❹
On/Off Button---❺
Earphone jack---❻
Speaker On/Off Slector--❼
Band Selection Button/Time Set Button------------------------------------❽
Mono / Selection Button / Time (Alarm) Set Button----------------❾
Battery Compartment---❿
Standby Set / Memory Button-- ⓫
Select Button--- ⓬
Tuning Control/Memory Selection/Time Adjust------------------ ⓭ - ⓮

A

B C D E F

WX

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TV
FM
AM
PM

28:8.8

DELETE ◄   I

AUTO ◄   J

MEMO   K

(1) (2) (3) (4) (5) (6) (7) (8) (9) ◄   L

G   H

4

Display Icons

Band Selected/ PM--A

Timer / (Alarm)---B

FM Stereo Indicator--C

System Lock--D

Low Battery---E

Standby Set---F

Time /Frequency--G

Digit for Memory Slot--H

Memory Delete--I

Auto Preset---J

Memory Set---K

Select Cursor---L

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Battery Installation

The battery cover is located on the back of the unit. Slide the cover in the direction of the arrow to gain access to the battery compartment ❿ insert 2 AAA(UM-4) batteries into the compartment.Make sure that batteries are positioned in accordance with the diagram located below batteries in battery compartment. Replace cover.

Note:

[1] A low battery icon E appearing on the LCD display indicates a weak and replacement is necessary.

[2] To ensure that the preset memory and time are not lost during battery replacement make sure that power on/off switch ❺ is in the off position and that the batteries are replaced within 3 minutes.

Setting Time

When batteries are installed for the first time the LCD display time digit will flash indicating that the time needs to be set. The clock can be set with the power off but the lockswitch ❸ must be off. To set time press Time Set Button ❽ for more then 2 seconds until hour digit flashes. While hour digit is flashing use Time Adjust Buttons ⑬ and ⑭ to select the correct hour. Pressing Time Set Button ❽ again will cause the minite digit to flash. Use same procedure as hour set to set minite set. Press Time Set Button ❽ to finalize time setting.

Long Term Alarm Set

Press Standby Button ⑪ for more than 2 seconds until hour digit flashes. Press Time Adjust Button ⑬ and ⑭ to set the required hour and then Press the Standby Button ⑪ again to cause the minute button to flash. Set minute desired same way as hour was set. Press Standby Button again to finalize setting.

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LCD will return to real time and Standby Set icon **F** will appear in display . A buzzer will sound when set time is reached and will continue for at least 3 mimutes or until it is stopped by pressing the Power On/Off Button.

Short Term Alarm Set
This receiver is equipped with a short term 1-180minute timer.To set timer Press the Alarm Set Button **9** for more than 2 seconds until LCD alarm set icons **B** appears time digit flashes.During flashing press Time Adjust Button **13** **14** to adjust to desired time . Press Alarm Set Button **9** again to finalize setting . A buzzer will sound when set time is reached and will continue for at least 3 minutes or until it is stopped by pressing the Power On /Off Button.

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RADIO OPERATION

Antenna/Earphone Use
The earphone cord acts as an antenna during reception of FM/TV/Weather Band(DT-300/300V/300VW)channels and should be extended as much as possible to improve sensitivity. Insert the earphone into the earphone jack ❻ for earphone operation . When listening with the built-in speaker the enclosed pig tail trailing antenna should be inserted into the earphone jack ❻ which will provide antenna function.

A built-in Ferrite Antenna is used for AM reception and it is only necessary to rotate the radio for maximum dignal strength . No other external antenna is repuired .

Speaker On/Off Switch
The built-in speaker may be turned on or off using the Speaker Switch ❼ . The speaker switch must be in the off position with the earphone plugged into the earphone jack to receive FM stereo programs. Stereo icon C will appear in the display.

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Volume Control

The volume may be adjusted by using the Volume Control Adjustment ❶

Tuning the Radio

Band	Frequency	Antenna
AM	520-1710kHz/ 522-1629kHz	Internal-Rotate radio for best reception
FM	87.5-108MHz	External-Make sure earphone or pig tail antenna is inserted into earphone jack.
TV	CH.2-13(VHF) (DT-300V/DT-300VW)	External-Make sure earphone or pigtail antenna is inserted into earphone jack.

WX   CH.0-9   External-Make sure earphone or
pigtail antenna is inserted into
Earphone jack

A.Scan Tuning

Turn on the radio by pressing On/Off Button ❺ . Select the desired band
by pressing Band Selection Button ❽ Press and hold the Tuning Control
Button ⓭ or ⓮ for more than 1/2 second . The radio will start to scan and
will stop at the first active station. Repeating the procedure will start the scan
again.The receiver will automatically turn itself off after 90 minutes of operation
or you may turn it off at anytime by pressing the On/Off Button ❺

B.Manual Tuning

Turn on the radio by pressing On/Off Button ❺ . Select the desired band by
pressing Band Selection Button ❽ . Desired station may be selected by either
pressing the Tuning Control ⓭ or ⓮ intermittently .

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until the desired station is reached or pressing and holding the Tuning Control ⑬ or⑭ until the station is reached.

C. Setting Presets Manually

Turn on receiver by pressing On/Off Button ❺ .Select desired band by pressing Band Selector Button ❽ .Tune to the desired station using the Manual or Scan Tuning Method as described above. When the desired station is reached press Memory Button ⑪ . "Memo" flashes in the LCD display and a suggested preset position flashes. Press Memory Button ⑪ again if flashing position is suitable and desired station will appear in the position selected. If you would prefer to locate desired station in a position other than that suggested use Memory Selection Button ⑬ or ⑭ to move to chosen postion.After selection is complete press Memory Button again to complete Selection.You may store a total of 9 stations for each band Original stations are eliminated or exchanged when a new

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station is selected to take its place. When the memory is full for a particular band pressing the Memory Selection Button ⓫ will cause all the positions to flash. In this case, select the desired position. press the Memory Selection Switch ⓫ and the original station will be eliminated and the new station will take its place.

D. Selecting Memory Presets

Turn on receiver by pressing On/Off Button ❺ . Select desired band by pressing Band Selector Button ❽ Move the Select Cursor Ⓛ to the Memory Positions Ⓗ by Pressing Select Button ⓬ . Select desired preset position using Memory Up/Down Buttons ⓭ or ⓮

E. Automatic Memory Preset System (APS)

This receiver is equipped with an Automatic Memory Preset System that will automatically select. based upon signal strength. and assign positions to stations on the band you select. Turn on receiver by pressing

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On/off Button ❺ .Select desired band by pressing Band Select or Button ❽ .
Press Memory Button ⓫ . Memo will flash in display. Press Select Button ⓬
for move than 2 seconds until auto/memo appears and flashes in display.
press memory Button ⓫ again. The receiver will automatically begin to scan
and set memory preset positions. It will dliminate any memory presets already
with in the band.

F.Memory Scan & Play

Turn on receiver by pressing On/Off Buttons❺ .Select desired band by pressing
Band Selector Button ❽ .Select a preset station with in band selected. Make sure
the Select Cursor Ⓛ is in the Memory Position Ⓗ by pressing Select Button ⓬ .
Press Tuning Control Button ⓭ or ⓮ for more than 1/2 second and release.
Display will show auto and flash The receiver will scan each preset,play for about
2 seconds and go on to the next preset. Press Tuning Control Button ⓭ or ⓮
will stop scaning and select station desired.

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Note: If the Select Cursor $\blacksquare$ **L** points at the frequency the Tuning Control Up/Down Button ⓭ ⓮ will continue to change frequency within the band selected. If the Selector Cursor $\blacksquare$ **L** points at the position digits for the memory presets $\blacksquare$ **H** the Tuning Control Up/Down Button ⓭ and ⓮ will select the memory presets.

G.**Deleting Memory Positions**
If The memory is full or you would like to delete a memoey position select the preset youy would like to delete.Press Memory Button ⓫ , display will flash "memo" Then press Select Button ⓬ , display will flash "memo" and "delete" Press Memory Button ⓫ again and selected preset position will be deleted.

Weather Band (WX) Reception-DT-300VW only
The DT-300VW has 10 fixed channels (0-9) for reception of NOAA weather band. In most cases channels 1-3 of the NOAA frequencies will cover the majority of U.S. Areas.

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Mono/Stereo Button

Monaural or Stereo headphone reception may be selected durning FM reception by alternately pressing the Mono/Stereo Button ❾ The Speaker On/OffSwitch ❼ must be in the Off

Lock Switch

To Prevent accidental changing of any of the radio settings move the Look Switch ❸ to the locked position. When engaged in the locked position the icon key Ⓓ will appear in the LCD display. To release the lock switch simply move the switch to the off position. Make sure lock Switch ❸ is in off position when radio is to be used as radio is completely inoperative until lock switch is released. If the radio is not to be used for any extended period of time,battery power saving may be relized by setting lock switch in its locked position during storage.

Specification

Type: FM- Stereo (Via earphone)

AM- Standard (mono)

TV Band (Mono Ch,2-13 VHF) 〔DT-300V/VW〕

Weather Band (WX) (Mono Ch. 0-9) 〔DT-300VW〕

Earphone jack:

3.5 mm mini-plug

16 or 32 ohm impedance (Stereo)

Output Power:

50 mW (10% THD) via built-in speaker

Speaker: 1.1 inch diameter,4ohm impedance

Batteries: 3 volt(AAA/UM-4 size) x 2

Dimension (WxHxD):2 1/4" X 3 3/4" X3/4"

Weight: 3.33 OZ

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