

# Pioneer

DAB+ Digital Radio Adaptor with Bluetooth

## SDA-11DAB

## Operation Manual



## **Declaration of Conformity with regard to the Radio Equipment Directive 2014/53/EU**

Manufacturer:

**Pioneer Corporation**

28-8, Honkomagome 2-chome, Bunkyo-ku,

Tokyo 113-0021, Japan

EU Representative's & Importer:

**Pioneer Europe NV**

Haven 1087, Keetberglaan 1, 9120

Melsele, Belgium

<http://www.pioneer-car.eu>

[\*] SDA-11DAB

English:

Hereby, Pioneer declares that the radio equipment type [\*] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available

at the following internet address: <http://www.pioneer-car.eu/compliance>

Suomi:

Pioneer vakuuttaa, että radiolaitetyyppi [\*] on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: <http://www.pioneer-car.eu/compliance>

Nederlands:

Hierbij verklaar ik, Pioneer, dat het type radioapparatuur [\*] conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:

<http://www.pioneer-car.eu/compliance>

Français:

Le soussigné, Pioneer, déclare que l'équipement radioélectrique du type [\*] est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

<http://www.pioneer-car.eu/compliance>

Svenska:

Härmed försäkrar Pioneer att denna typ av radioutrustning [\*] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

<http://www.pioneer-car.eu/compliance>

Dansk:

Hermed erklærer Pioneer, at radioudstyrstypen [\*] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: <http://www.pioneer-car.eu/compliance>

Deutsch:

Hiermit erklärt Pioneer, dass der Funkanlagentyp [\*] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: <http://www.pioneer-car.eu/compliance>

Ελληνικά:

Με την παρούσα ο/η Pioneer, δηλώνει ότι ο ραδιοεξοπλισμός [\*] πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: <http://www.pioneer-car.eu/compliance>

Italiano:

Il fabbricante, Pioneer, dichiara che il tipo di apparecchiatura radio [\*] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: <http://www.pioneer-car.eu/compliance>

Español:

Por la presente, Pioneer declara que el tipo de equipo radioeléctrico [\*] es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: <http://www.pioneer-car.eu/compliance>

Português:

O(a) abaixo assinado(a) Pioneer declara que o presente tipo de equipamento de rádio [\*] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: <http://www.pioneer-car.eu/compliance>

Čeština:

Tímto Pioneer prohlašuje, že typ rádiového zařízení [\*] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: <http://www.pioneer-car.eu/compliance>

Eesti:

Käesolevaga deklareerib Pioneer, et käesolev raadioseadme tüüp [\*] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: <http://www.pioneer-car.eu/compliance>

Magyar:

Pioneer igazolja, hogy a [\*] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: <http://www.pioneer-car.eu/compliance>

Latviešu valoda:

Ar šo Pioneer deklarē, ka radioiekārta [\*] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: <http://www.pioneer-car.eu/compliance>

Lietuvių kalba:

Aš, Pioneer, patvirtinu, kad radijo įrenginių tipas [\*] atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: <http://www.pioneer-car.eu/compliance>

Malti:

B'dan, Pioneer, niddikjara li dan it-tip ta' tagħmir tar-radju [\*] huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa

disponibbli f'dan l-indirizz tal-Internet li ġej: <http://www.pioneer-car.eu/compliance>

Slovenčina:

Pioneer týmto vyhlasuje, že rádiové zariadenie typu [\*] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: <http://www.pioneer-car.eu/compliance>

Slovenščina:

Pioneer potrjuje, da je tip radijske opreme [\*] skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: <http://www.pioneer-car.eu/compliance>

Română:

Prin prezenta, Pioneer declară că tipul de echipamente radio [\*] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este

disponibil la următoarea adresă internet: <http://www.pioneer-car.eu/compliance>

български:

С настоящото Pioneer декларира, че този тип радиосъоръжение [\*] е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: <http://www.pioneer-car.eu/compliance>

Polski:

Pioneer niniejszym oświadcza, że typ urządzenia radiowego [\*] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod

następującym adresem internetowym: <http://www.pioneer-car.eu/compliance>

Norsk:

Herved Pioneer erklærer at radioutstyr type [\*] er i samsvar med direktiv 2014/53/EU.

Den fullstendige teksten i EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: <http://www.pioneer-car.eu/compliance>

Íslenska:

Hér með Pioneer lýsir yfir að tegund þráðlausan búnað [\*] er í samræmi við tilskipun 2014/53/ESB. The fullur texti af ESB-samræmisyfirlýsingu er í boði á eftirfarandi veffangi: <http://www.pioneer-car.eu/compliance>

Hrvatski:

Pioneer ovime izjavlja da je radijska oprema tipa [\*] u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: <http://www.pioneer-car.eu/compliance>

Türk:

Burada. Pioneer radyo ekipmanı turunun [\*] 2014/53/EU direktiflerine uyumlu olduğunu beyan eder. Avrupa uyumluluk beyanının tam metni belirtilen

internet sitesinde mevcuttur: <http://www.pioneer-car.eu/compliance>

English:

[Bluetooth specifications]

Output power: +4 dBm Maximum (Power class 2)

Frequency band(s): 2 400 MHz to 2 483.5 MHz

Français:

[Spécifications Bluetooth]

Puissance de sortie : +4 dBm maximum (Classe de puissance 2)

Bande(s) de fréquences : 2 400 MHz a 2 483,5 MHz

Italiano:

[Specifiche Bluetooth]

Potenza continua: +4 dBm massimo (classe di potenza 2)

Banda di frequenza: da 2 400 MHz a 2 483,5 MHz

Español:

[Especificaciones de Bluetooth]

Potencia de salida: +4 dBm máximo (clase de potencia 2)

Banda(s) de frecuencia: de 2 400 MHz a 2 483,5 MHz

Deutsch:

[Bluetooth-Spezifikationen]

Ausgangsleistung: maximal +4 dBm (Leistungsklasse 2)

Frequenzband/-bänder: 2 400 MHz bis 2 483,5 MHz

Nederlands:

[Bluetooth-specificaties]

Uitgangsvermogen: +4 dBm maximaal (vermogensklasse 2)

Frequentieband(en): 2 400 MHz tot 2 483,5 MHz

English:

[FM transmitter specifications]

Output power: 50 nW e.r.p. (-43 dBm e.r.p.) maximum

Frequency band(s): 87,6 MHz to 107,9 MHz

Français:

[Spécifications transmetteur FM]

Puissance de sortie : 50 nW e.r.p. (-43 dBm e.r.p.) maximum

Bande(s) de frequences : 87,6 MHz to 107,9 MHz

Italiano:

[Specifiche Trasmettitore fm]

Potenza continua: 50 nW e.r.p. (-43 dBm e.r.p.) massimo

Banda di frequenza: 87,6 MHz to 107,9 MHz

Español:

[Especificaciones de transmisor FM]

Potencia de salida: 50 nW e.r.p. (-43 dBm e.r.p.) maximo

Banda(s) de frecuencia: 87,6 MHz to 107,9 MHz

Deutsch:

[FM-Sender -Spezifikationen]

Ausgangsleistung: maximal 50 nW e.r.p. (-43 dBm e.r.p.)

Frequenzband/-bänder: 87,6 MHz to 107,9 MHz

Nederlands:

[FM-zender -specificaties]

Uitgangsvermogen: 50 nW e.r.p. (-43 dBm e.r.p.) maximaal

Frequentieband(en): 87,6 MHz to 107,9 MHz

Dansk

[FM-sender specifikationer]Udgangseffekt: 50 nW e.r.p. (-43 dBm e.r.p.)

maksimum Frekvensbånd (er): 87,6 MHz til 107,9 MHz

## English

This guide is intended to guide you through the basic functions of this unit.

For details, please refer to the operation manual stored on the website.

<http://www.pioneer-car.eu>

### Before You Start

#### Thank you for purchasing this PIONEER product.

To ensure proper use, please read through this guide before using this product. It is especially important that you read and observe **WARNINGS** and **CAUTIONS** in this guide. Please keep the guide in a safe and accessible place for future reference.



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private households in the member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

For countries not mentioned above, please contact your local authorities for the correct method of disposal. By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

#### **⚠ WARNING**

- **Do not attempt to service this product by yourself. Servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be**

**dangerous and could expose you to the risk of electric shock, injury or other hazards.**

- Do not attempt to operate the unit while driving. Make sure to pull off the road and park your vehicle in a safe location before attempting to use the controls on the device.



### **CAUTION**

- Do not allow this unit to come into contact with moisture and/or liquids. Electrical shock could result. Also, damage to this unit, smoke, and overheating could result from contact with liquids.
- Always keep the volume low enough to hear outside sounds.
- This product is evaluated in moderate and tropical climate condition under the Audio, video and similar electronic apparatus - Safety requirements, EN62368-1



The SDA-11DAB is designed to be used with the provided dual USB power adaptor only.

### **If you experience problems**

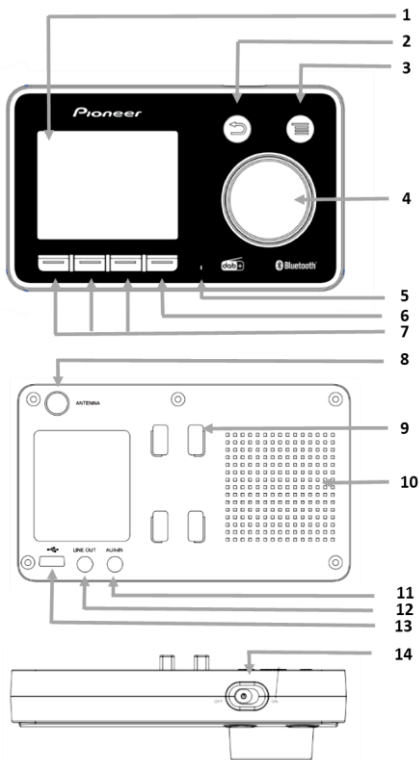
Should this unit fail to work properly, please contact your dealer or nearest authorised PIONEER Service Station

## **Safety Instructions**

1. Do not use this product near water.
2. Clean with dry cloth.
3. Do not block any ventilation openings.
4. Do not use near heat objects.
5. Use only accessories provided by manufacturer.
6. Do not allow this product to become exposed to water, steam, sand or other environmental hazards.
7. Do not leave this product where excessive heat could cause damage.
8. Make sure that nothing affects the operation of the air bags or vehicle operating systems, safety feature or hazard lamps.
9. Pioneer is not liable for any damage, due to installation or use of the product.



## Control Unit and Connectors



## Controls

1. 2.4" colour TFT display
2. Return button
3. Menu/Source button
4. Rotary Commander
5. Microphone
6. Next Preset row button
7. Direct Preset button 1-3/4-6
8. DAB+ Antenna input
9. Mounting point for mounting bracket
10. Hands-free built-in speaker for Bluetooth calls only
11. Aux-In
12. Line Out
13. Power Supply Micro USB input
14. Power Switch



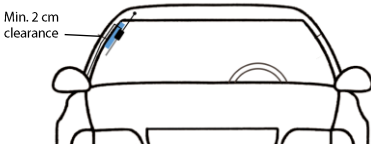
## Included in the box

1. Main unit, DAB+ adaptor
2. DAB+ active antenna
3. Micro USB Power Cable
4. 3.5mm Audio Cable
5. Dual USB power adaptor
6. Dash mount stand
7. Windscreen mount stand
8. Installation tool
9. Cleaning wipes
10. Safety strap

**Note:** All accessories are designed to work specifically with SDA-11DAB. Please do not use third party accessories as these may not work and cause negative impact to DAB reception performance.

## Installation Guide

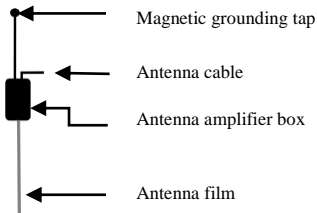
1. The antenna should be mounted vertically along the A-Pillar as indicated in the diagram. **ATTENTION!** Correct antenna installation is important for good DAB+ reception.



2. Gently lower the car roof liner with the help of the provided installation tool, insert the magnetic grounding tap and ensure the magnetic tap contacts to the metal roof of the car. Since it is magnetic, it should “click” into place. Make sure the magnetic grounding tap is straight after attaching it to the roof of the car.
3. Ensure the windshield is clean and dry before attaching the antenna on the glass. Do not stick down the antenna before

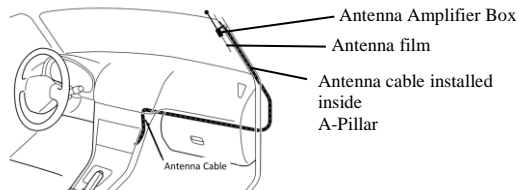
you are sure that the glass lets the signal through, and where you stick it, make sure the antenna film does not overlap with the heating wires, which will affect the reception performance.

4. Now remove the adhesive backing from the antenna amplifier box and stick to the dry windshield glass, gently applying pressure to remove any air bubbles.



5. Install the antenna cable behind the A-Pillar with the help of installation tool and connect it to Pioneer SDA-11DAB
6. Do not attach the DAB+ antenna over heating wires, in a place that obstructs the driver's view, or in a place that can experience interference from metal.

**Note:** Ensure that the signal gets through the window. Heat wires and certain forms of shading or sun filter, may cause the signal to not pass through.



## Dashboard Mounting

1. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Apply firm application pressure to develop better adhesive contact & thus improving bond strength.
2. To obtain optimum adhesion, the dashboard bonding surfaces must be clean and dry.
3. Application to surfaces at temperatures below 10°C (50°F) is not recommended because the adhesive becomes too firm to adhere readily. However once correctly applied low temperatures holding is generally satisfactory.

## Windscreen Mount and Safety Strap







1. To obtain optimum adhesion, make sure the windscreen is fully clean and dry using the supplied cleaning wipe.
2. To avoid the windscreen mount from falling down, and damaging your dashboard, you may attach the windscreen mount to the safety strap (included in the box), for additional safety.

## Frequently Used Operations

Button	Operation
Rotary Commander	<ul style="list-style-type: none"><li>- Rotate for navigating the menus.</li><li>- Rotate for the previous/next station.</li><li>- Press to confirm operation, play/pause or answer/end a call.</li><li>- Long press to reject a call, or activate BT pairing mode when in BT source.</li><li>- In DAB station list, long press to activate ABC search.</li></ul>
Return Button	<ul style="list-style-type: none"><li>- Long press to instantly dim the LCD and button illumination brightness.</li><li>- Press to confirm and return to previous menus or to cancel an active Traffic Announcement.</li><li>- In DAB source, press to show a list of DAB stations.</li></ul>

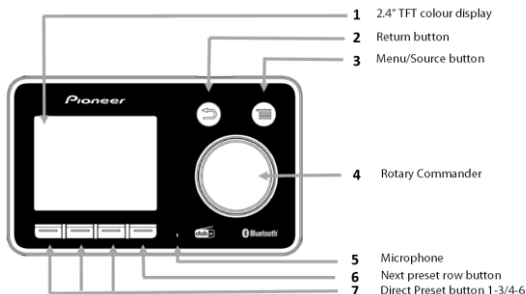
Menu Button	- Long press to enter menu settings. - Press to change audio source.
Preset Buttons	- Long press to store preset stations. - Press to recall preset stations.
Next Preset Row Button	- Press to switch to the next row of presets (1-3 / 4-6).

## Display Indication

Indication	Description
	DAB signal level.
	Bluetooth is activated.
TA	DAB Traffic Announcement (TA) is activated.
SF	DAB Service Following (SF) is activated .
87.5MHz	FM transmission frequency.
	Handsfree voice is via the car speakers.
	Handsfree voice through the built-in speaker.
	Line Out to car stereo
	Aux-In to the SDA-11DAB

## Operation

### SDA-11DAB



1. Mount the SDA-11DAB to the windshield or dashboard.
2. Connect the antenna to the antenna input at the back of SDA-11DAB
3. Connect the USB power supply cable to the back of SDA-11DAB and the other end to the dual USB power adaptor. Plug the dual USB power adaptor to the vehicle 12V cigar-lighter socket.
4. Turn on the power switch on the top of the unit and the device will automatically scan for DAB+ channels and store them in the memory of the device.
5. Once the auto scan is completed, you can select any available DAB+ station using the "ROTARY COMMANDER".

### Connecting SDA-11DAB to Vehicle Stereo Using FM-Transmission:

1. The default setting is 87.6 MHz. Press and hold the "MENU" button to enter menu settings, use the "ROTARY COMMANDER" to select "System Settings", then "Audio Out", then select "FM Transmitter". Press and hold "ROTARY COMMANDER" to activate the automatic scanning of a "vacant" FM transmission frequency, should you wish to change the FM frequency.


2. After auto scanning has completed, and a “vacant” frequency is found, press the “RETURN” button to confirm and return to the previous menu, or it will automatically confirm and exit the setting after 3 seconds. The selected “vacant” frequency will be shown at the top of the display, e.g. 87.6MHz
3. Tune your vehicle FM radio system to match the selected “vacant” frequency for transmission of the audio signal from SDA-11DAB to your car stereo audio system wirelessly via FM.

### **Select FM Transmitting Frequency (Manual Mode):**

1. Press and hold the “MENU” button to enter menu, use the “ROTARY COMMANDER” to select “System Settings” and “Audio Out” and then select “FM Transmitter”, turn “ROTARY COMMANDER” to select your vacant frequency (based on your experience with known vacant frequencies in your area) which you would like to receive by your car stereo.
2. Once it is selected, press the “RETURN” button to confirm and goes to previous menu or the screen will go back to DAB+ source automatically after 3 seconds and the selected frequency will be shown at the top of the display, e.g. 87.6MHz.

**Note:** “Vacant frequency” means there is no FM radio broadcasting content or noise when the frequency is selected.

### **Connecting SDA-11DAB to Vehicle Stereo Using AUX Cable (Line-Out):**

1. Press and hold the “MENU” button to enter menu setting, use the “ROTARY COMMANDER” to select “System Settings”, then “Audio Out” and then select “Line Out”. Press “ROTARY COMMANDER”. To confirm, press “RETURN” button to return to previous menu. The line out icon “” will be displayed at the top of the display.
2. Connect the supplied 3.5mm Aux cable to the “LINE OUT” connector of the SDA-11DAB and the other end of the cable into the AUX-IN input on your vehicle stereo system. Change the vehicle stereo source to AUX to enjoy audio sound from the SDA-11DAB, through your vehicle speakers.



**Note:** In “Line Out” mode, there is no FM transmission to the vehicle stereo. Audio is transferred via the cable instead.

### **Tuning DAB+ Stations/Services:**

1. Press the “MENU” button until “DAB+ Radio” source is selected.
2. Use the “ROTARY COMMANDER” to select the desired DAB+ station
3. Or press and hold “MENU” button to select “Station List” and use “ROTARY COMMANDER” to select the desired DAB+ station and press the “ROTARY COMMANDER” button to confirm. Press “RETURN” button to return back to the previous/main menu.

### **DAB Alphabetical (ABC) Stations Search:**

1. In DAB source, press “RETURN” button to bring up the station list, or press and hold “MENU” button enter menu and select “Station List”, In either of these two modes, press and hold “ROTARY COMMANDER” to show ABC in middle of the screen,
2. Turn “ROTARY COMMANDER” to select the desired alphabetic letter, then press “ROTARY COMMANDER” again to search for a list of DAB stations with that desired alphabetic letter. (If no station starting with the chosen letter is available, “Not found” is displayed. Please select another letter or station).
3. Turn “ROTARY COMMANDER” to select a specific station and press it again to confirm. Press “RETURN” button to exit menu.

### **Updating DAB+ Station List:**

1. Press and hold the “MENU” button to enter menu and to select “DAB Settings”, then “List Update” to perform an auto scan of all available stations.

**Note:** For normal use, you do not have to perform the “Updating Stations” every time you use the car DAB+ radio unless there are newly added DAB+ channels, then you may need to perform the “Updating Stations” again.

**Note:** For normal use, you don’t have to perform the “Updating Stations” every time you use SDA-11DAB, unless there are newly

added DAB+ channels, then you may need to perform the “Updating Stations” again.

### **Service Information: DAB+ source:**

The Service Information display -The Service Information data will be displayed with scrolling text which is being broadcasted from the station. While listening to DAB+, the display will show the followings if applicable:

1. Channel Name
2. Multiplex Name (DLS)
3. Signal Strength
4. FM Transmitting Frequency
5. Bluetooth Connection Status
6. Audio Out/In Status Indicator
7. Service Following On status
8. Traffic Announcements ON status
9. Hands free audio output selection
10. Time and date
11. Preset station name in short form

### **Display Time and Date:**

1. In DAB source, whenever the Rotary Commander is rotated, the last line of the LCD display will show the time and date which is broadcasting from the DAB station. After 3 seconds, the last line will automatically return to show the short form of the DAB preset station name.
2. If there is no preset stored, the last line of LCD display will always show time and date.

### **Service Following (SF) ON/OFF:**

1. Press and hold “MENU” button to enter menu, select “DAB settings” then-“Service Following (SF)”. Use “ROTARY COMMANDER” to select “On” or “Off” and press it to confirm. Then press “RETURN” to exit menu.
2. When Service Following is on, the “SF” white icon will appear at the top of the display. Repeat the same procedure to turn OFF the service following function and the “SF” icon will disappear from the LCD screen.

**Note:** Upon certain situations, you may want to turn off the SF function to prevent the product from switching between equally strong transmitters from different areas. In this instance, it is recommended to turn off the SF function.

### **Traffic Announcements (TA) ON/OFF:**

1. Press and hold the “MENU” button to enter menu setting, select “DAB Settings” and “Traffic Announcement”, then choose “On” or “Off”. SDA-11DAB default setting for Traffic Announcements is ON.
2. When Traffic Announcement is set to “On”, a white icon “TA” will appear at the top of the display. During traffic announcement broadcasting, the white “TA” icon will turn red and turn white when the TA broadcast is finished.
3. To cancel an active Traffic Announcement, simply press the “RETURN” button, the SDA-11DAB will return to the DAB station you were listening to.

**Note:** It is recommended to enable the traffic announcements function if you want to receive important traffic information. When TA is ON and while you are listening to music through Bluetooth streaming from your phone or through Aux-In, the device will automatically switch to traffic announcements when a TA signal is detected.

### **Program Type (PTY):**

1. The scanned and stored DAB stations will be grouped into 4 program types:
  - a. News/Info
  - b. Popular
  - c. Classics
  - d. Others
2. To select program type, press and hold “MENU” button to enter menu, select “DAB Settings” and “Program Type”
3. Use “ROTARY COMMANDER” to scroll and select the desired program type and a list of the selected type will be displayed.
4. Press the “ROTARY COMMANDER” to select and press it again to confirm. Then press “RETURN” button to exit.

### **Station Group:**

1. To select station group, press and hold “MENU” button to enter menu, select “DAB Settings” and “Station Group”. A list of DAB ensemble will be displayed
2. Use “ROTARY COMMANDER” to scroll and select the desired DAB ensemble and a list of DAB stations will be displayed.
3. Press the “ROTARY COMMANDER” to select and press it again to confirm. Then press “RETURN” button to exit.

### **Ever Scroll:**

1. Press and hold “MENU” to enter menu setting, use “ROTARY COMMANDER” to select “DAB Settings” and “Ever Scroll”
2. If “Ever Scroll” is set to “Off”, the DLS text information will only scroll once. If it is set to “On”, the DLS text will be scrolling continuously. SDA-11DAB default setting for Ever Scroll is ON.

## **Manage Preset Stations**

### **Store Preset Stations:**

You can store your favourite DAB+ stations using the direct preset hard key buttons (1-6) on the front of the device:

1. In DAB source, use the “ROTARY COMMANDER’ to select a DAB+ station.
2. Press and hold preset button (1-3 buttons from left to right) to store your favourite preset DAB+ stations. When the first preset is stored, the short form DAB station name, e.g. “BBC R3” will be shown above the preset button.
3. Repeat the same procedure to store your favourite preset. Press the 4<sup>th</sup> button “>>” to store more favourite presets, via the hard key preset buttons.
4. You can recall these favourite stations anytime by pressing preset 1-6.

You may program and store more up to 30 preset stations by using the following procedure:

1. In DAB source, to select a DAB+ station by turning the “ROTARY COMMANDER”, then press and hold “ROTARY COMMANDER” to pop up “Store Presets” menu and a list of vacant space to store, turn “ROTARY COMMANDER” to choose the location (1-30), press it again to store and a message of “Stored Successfully” will be displayed. Press “RETURN” button to exit menu.
2. Or in DAB source, press and hold “MENU” to enter menu, select “Preset Settings” and “Store Presets”, turn “ROTARY COMMANDER” to select location. Press “ROTARY COMMANDER” again to store and a message of “Stored successfully” will be displayed. Press “RETURN” button to exit menu.

### **Recall Preset Stations:**


1. You can easily recall your favourite DAB+ stations by simply pressing the direct preset hard key button 1-6 on the front of device.
2. Or in DAB source, press and hold “MENU” to enter menu, select “Preset Settings”, “Recall Presets”, use “ROTARY COMMANDER” to select preset (1-30). Press “ROTARY COMMANDER” again to recall the preset station and press “RETURN” to exit menu.

### **Removal of Preset Stations:**

To delete all your favourite DAB+ preset stations, press and hold the “MENU” button to enter menu, use the “ROTARY COMMANDER” to select “Preset Settings” and “Delete All Presets”. If “YES” is selected, a message of “Delete Successfully” will be pop up and all the stored presets will be deleted.

## **Managing Bluetooth**

### **Pairing a Bluetooth Enabled Phone:**

1. Press and hold “MENU” button to enter menu setting, select “Bluetooth” and then “On” to activate Bluetooth. A white Bluetooth icon  will be shown at the top of the display
2. Press “MENU” button until you find “Bluetooth” source.
3. In “Bluetooth” mode, press and hold the “ROTARY COMMANDER” to activate the SDA-11DAB device into

pairing mode, a message of “Pairing in progress” will be shown and the white Bluetooth icon will flash.

4. From your phone, turn on Bluetooth and search for Bluetooth devices, a list of available Bluetooth devices will be displayed.
5. Select “SDA-11DAB” in the device list and once connection is established, the flashing white Bluetooth icon will stop flashing and change to blue colour, indicating the “SDA-11DAB” is now connected to the phone.
6. During “Pairing In Progress” mode, if you want to stop, you can always press “RETURN” button to stop searching and return to non-connected mode.
7. To disconnect an existing connected phone, press and hold the “ROTARY COMMANDER” to force SDA-11DAB into pairing mode to connect to another phone.



**Note:** During the process of re-connecting to last connected phone, the Bluetooth icon at the top of the display will be flashing and stop flashing when it is re-connected. A flashing white Bluetooth icon indicates the Bluetooth is not connected. Once it is connected, the icon will stop flashing and change to blue colour.

### **Manage Phone Calls:**

1. When there is an incoming call, SDA-11DAB rings with a ringtone, the message “Incoming Call...” will be displayed. Press “ROTARY COMMANDER” once to answer the call and at the same time the speaker volume and talk time will be displayed on the LCD screen. You may turn the “ROTARY COMMANDER” to adjust the volume level.
2. If you want to decline the incoming call, press and hold the “ROTARY COMMANDER”.
3. To end a current call, press the “ROTARY COMMANDER”.  
**NOTE:** There is no caller ID or phone book transfer

**Note:** There is no caller ID or phone book transfer with SDA-11DAB.

## **Bluetooth Handsfree Voice Using Built-In Speaker or Vehicle Stereo via FM-Transmission:**

1. Press and hold the “MENU” button to enter menu setting,
2. Use the “ROTARY COMMANDER” to scroll down the menu to select “System Settings”, “Handsfree Speaker”, then select “Built-in Speaker” or “Car Stereo Speaker”.
3. If “Built-in Speaker” is selected, an icon of “” will be shown at the top of the display. If “Car Stereo Speaker” is selected, an icon of “” will be displayed.
4. Turn the “ROTARY COMMANDER” to adjust the voice volume to your desired level when it is in “Built-in Speaker” mode.
5. When it is in “Car Stereo Speaker” mode, the voice volume can only be adjusted by car stereo volume control.

**Note:** The built-in speaker only works for phone call when it is connected via Bluetooth. When the “Car Stereo Speaker” is selected, the phone voice is via the car stereo by either using Line Out or FM transmitter.

## **Bluetooth Music Playback Using Vehicle Stereo via FM-Transmission:**

1. In Bluetooth mode with your phone paired/connected, select the music file from your phone and playback via Bluetooth source. (Refer to your phone user guide for more information).
2. In the “Audio Out” menu, make sure you have selected “FM Transmitter” mode
3. Press “ROTARY COMMANDER” button to play or pause the music playback
4. Turn “ROTARY COMMANDER” to select previous or next song.

### **Note:**

1. Once your phone is paired to SDA-11DAB, the connection between both devices will be automatically re-established each time you enter your vehicle if SDA-11DAB is powered on. SDA-11DAB automatically connects itself to the last paired phone you used with it. If you want to connect SDA-11DAB to another phone you already paired but not the last

one, you have to first disconnect the last phone by selecting “Forget this Device” in your Phone Bluetooth setting. Then press and hold the “ROTARY COMMANDER” to enter pairing mode again.

2. You may pair up to eight Bluetooth devices with SDA-11DAB.
3. If you want to connect SDA-11DAB to another phone while the first phone is still in connection, you may force the first phone to disconnect by press and hold “ROTARY COMMANDER” to enter pairing mode again and a flashing Bluetooth icon will appear at the top of the display. Then you may pair to a new phone. This operation only works when the new phone has not been paired with SDA-11DAB before.

### **Bluetooth ON/OFF:**

Press and hold the “MENU” button to enter menu setting, use “ROTARY COMMANDER” to select “Bluetooth” and press “ROTARY COMMANDER” to choose “On” or “Off” and press “RETURN” to exit menu.

### **Changing menu colour**


The colour of the LCD display illumination can be set to five different combinations to match your vehicle interior:

1. Press and hold “MENU” button to enter menu setting, use “ROTARY COMMANDER” to select “System Settings” and “Colour Settings”
2. Use the “ROTARY COMMANDER” to scroll and select your desired colour of “White”, “Red”, “Amber”, “Green” or “Blue”.

### **Connecting AUX-IN audio source**

1. SDA-11DAB features a 3.5mm AUX-IN jack at the back of the device. External third party devices can be fed wirelessly\* through FM transmission (\*Device dependant and requires Bluetooth connection method) to your car stereo audio system, or via the Aux-In input connector.



2. To connect an external music player, press the “MENU” button until you see “AUX IN” source, at the same time, the Aux-IN icon  will be displayed. Connect an external audio source to the “AUX IN” jack at the back of SDA-11DAB with the provided 3.5mm audio cable.

## Dual USB Charger

You can charge a third party device, using the USB cable from your device, thanks to the Dual USB power adaptor supplied with the SDA-11DAB. (Charging Power Output: 5V, 1A).

## LCD and Button Dimmer Control

1. When driving at night, you can control the brightness level of the colour LCD display and button light by pressing and holding the “RETURN” button to dim the light. Press and hold the “RETURN” button again to return to normal brightness level.
2. You may also press and hold the “MENU” button to enter menu setting, use “ROTARY COMMANDER” to select “System Settings” and “Button Dimmer” or “LCD Dimmer”, then select “On” or “Off”.

## LCD Timer

1. When driving at night, you may wish to turn off the LCD display
2. Press and hold the “MENU” button to enter menu setting.
3. Use “ROTARY COMMANDER” to select “System Settings” and “LCD Timer” to select “15 seconds”, “30 seconds” or “Always On”.
4. When “15 seconds” is selected, the LCD display backlight will turn off after 15 seconds, making the screen black.

## Select Language

1. Press and hold the “MENU” button to enter menu setting.
2. Use the “ROTARY COMMANDER” to scroll up or down to select “System Settings” and “Language”, then press “ROTARY COMMANDER” to select your desired language and press “RETURN” button to exit menu.

## Factory Reset

1. Press and hold the “MENU” button to enter menu setting.
2. Use the “ROTARY COMMANDER” to scroll up or down to select “Factory Reset” and “Yes” to reset the factory settings.

## Software Version of the device

1. Press and hold the “MENU” button to enter menu.
2. Use the “ROTARY ENCODER” to scroll up or down to select “System Settings” and “Software Version”, the screen will show the current software version of the device.

## Firmware Update

1. To update the firmware of the SDA-11DAB, you need to download the latest firmware from the Pioneer website [www.pioneer-car.eu](http://www.pioneer-car.eu) to your PC.
2. Connect SDA-11DAB to your PC using a USB cable. Press and hold the “MENU” button to enter menu setting, select “System Settings” and “Firmware Update”, then choose “Yes”, SDA-11DAB will then appear in the PC as an external storage device, copy the firmware from your PC to SDA-11DAB.
3. Then choose “Yes” to proceed on the SDA-11DAB. A message of “Updating –XX%” will be displayed showing the progress of updating. When update is completed, the device will re-start automatically.

## Additional Information

### Troubleshooting

#### 1. No display.

- The USB cable is not properly connected to the dual USB power adaptor or the main DAB unit.
- The dual USB power adaptor is not properly installed in the car cigarette power socket.
- Please check the unit is turned on at the top of the SDA-11DAB.

#### 2. The sound is intermittent.

- You may be using a device, such as car digital video recorder (or Dashcam), GPS tracker, wireless phone charger or LED light inside the car that could cause interference. Try to move the electronic devices away from the SDA-11DAB and antenna cable.
- If you are parking in front of a large LED display, the interference from the LED display may cause DAB reception interference. Try to move away from the LED display.
- Some car air-conditioning or heaters may cause interference to the DAB reception.

#### 3. Poor DAB reception.

- The antenna connection and positioning maybe incorrect.
  - Make sure to use the provided active DAB antenna with magnetic tap attached. Do not try to use third-party antenna as this can influence DAB performance.
  - Make sure the magnetic tap of antenna is inserted into the roof top metal of the car and in a straight line manner.
  - Make sure the antenna film is straight and stuck to the Windscreen, approximately 2cm from A-pillar.
- Make sure to use the supplied Dual USB power adaptor instead of third-party USB adaptor.
- Make sure the area you are in is able to receive a DAB signal.

#### 4. The sound from the Bluetooth audio source is not played back.

- There is a call in progress on a Bluetooth-connected cellular phone. The sound will be played back when the call is

terminated.

- A Bluetooth-connected cellular phone is currently being operated. Stop using the cellular phone.
- The connection between the cellular phone and the DAB unit is not established correctly after a call made by Bluetooth-connected cellular phone. Make the connection again.

#### 5. No sound is produced.

- Try to tune the vehicle stereo FM radio frequency to match with the DAB FM transmission frequency if you are using FM transmission
- Ensure the vehicle stereo is in Aux-In mode if you are using Line Out method.

## Copyright and Trademark

### 1. Bluetooth

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Pioneer Corporation is under license. Other trademarks and trade names are those of their respective owners.

## Product Specification

1. Product Model: SDA-11DAB
2. Radio format support: DAB+, FM Transmitter and DAB to DAB Service Following
3. DAB+ frequency: Band III (174 –240 MHz)
4. FM transmission frequency: 87,6—107,9 MHz
5. Bluetooth: Version 4.0
6. Speaker phone output: 1.0W, 8Ω
7. Aux-In: 3.5mm stereo jack
8. Line Out: 3.5mm stereo jack
9. Power Output: DC 5V ---1A
10. Power Source: Car Cigar-lighter Socket (DC 12V / 24V ---1A)
11. Main unit dimension: 115mm x 70mm x 36mm
12. Main unit weight: 113g

**NOTE:** Specifications and the design are subject to modifications without notice.