

Instruction Book

DSI Broadcasting System Transmitter

Dear Customer,

Thanks for purchasing DSI Broadcasting System.

We deeply appreciate your choice of buying our DSI, we believe this product is going to make a positive difference in every aspect of your life & make your work & life much more enjoyable.

DIS Broadcasting System is one of our RF solutions, which is technologically different than any other existing broadcasting system in the market, of which the biggest feature is “Wireless”, meaning there is no need for any wires between “Control Room” & “Terminals”, so at this point, it saves you a lot of trouble of wiring in the building. besides, for the existing systems, which has a lot of additional equipments to achieve all the functions, but for DSI, it doesn’t have to , we put all those things together in DSI, so here again, it saves us a huge amount of money.

Again we sincerely thank for your kindness! Your great support & confidence are the source of our motivation, which will continue to encourage us to strive for the Service Concept of “initiative”、“excellence”、“innovation” & constantly offer you better quality of Services in near future! In order for you to adequately feel all the features of this product, we strongly suggest you to review the Instruction Book carefully prior operating.

Cautions for Operation

The transmitter you have bought is a very high-precision product, please operate with great care, for it to be long time used, below advices require your kind attention!

- 3Pins Socket is applied to the unit, which has a GND protection.
- It's got high-voltage inside, to avoid any damages, laymen are not allowed to open the unit.
- Please make sure to get the unit placed on stable desk and adjust the height of the 2 back feet to give a best angle of view to operate.
- Please keep the unit off the sunlight, or any overheated places, high temperature may shorten the components' life.
- Please keep the unit at clean places .
- Please keep the unit dry, any rain or moisture may damage the circuitry on the unit.
- Please do not transmit when there is no antenna fixed in.
- Please keep the unit stay far away from the magnetic objects.
- Do not place any heavy objects on the unit, especially on the screen.
- To protect this unit from lightning stroke, antenna is supposed to be fixed at the top roof of the buildings where the lightning-rod is required to be mounted.
- Please make sure there aren't any objects blocking the ventilation windows on the left& right side of the transmitter.

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1. Unpacking

Please take out the transmitter from the packing box cautiously & make sure there are no any items mentioned in below list inside the box prior throwing it away. If any loss or damage caused during dispatch, feel free to submit your claim sheet to the sender without hesitation.

Accessories

No	1	2	3	4	5	6
Item	Harddisk	Disk	Sticker	Touch Pen	Power Line	Instruction Book
PIC						
Qty	1	1	1	1	1	1

Optional Parts

No	1	2	3	4	5	6
Item	TX Antenna	FM Antenna	TX Antenna Plug Commutator	TX Antenna JACK Commutator	FM Antenna Plug Commutator	FM Antenna JACK Commutator
PIC						
Qty	1	1	1	1	1	1

2. Features

DSI is one multifunctional broadcasting system, which provides its user with perfect PC GUI & LCD Touch Screen. DSI has been worldwide considered one “Reform” in the history of “Wireless Communication” & fully achieved the technology concept of “people-oriented” and which is now being widely used in such places as Supermarket、School、Hotel、Big Shopping Mall & other living areas.

Functions:

1 TX can be accessed by maximum 500 RX

Telephone Alarm

Programs Auto-play

Subarea Broadcasting

Emergency Alarm System

Online Surfing

MP3 /CD/ Tuner/

Aux/Tape Input

Moni/ Rec/ Master Output

4 Microphone Input

3 power sockets supplied for external equipments

4 USB Ports

Support USB Keyboard/Mouse/Flash Memory

Illustration

Illustration

3. Removing & Assembly

● Mechanical Installation

1. Antenna Installation

Antenna is supposed to be mounted at the top roof of the building where a lightning-rod is a must, from which the antenna should be kept over 10 meters away, and the distance from the TX Antenna to FM Antenna has to be beyond 2 meters as well.

■ TX Antenna Installation

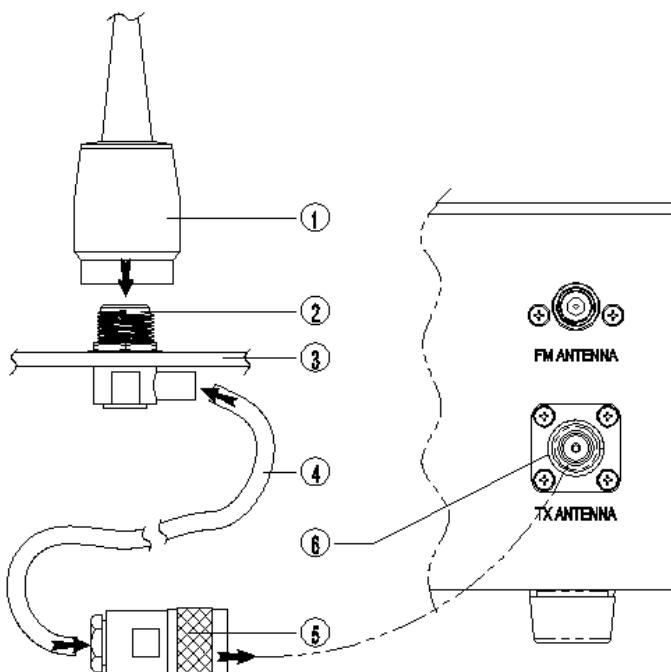
Step (1): Find a place to install the Bracket which is to hold the TX Antenna.

Step (2): Please confirm how long the distance should be between Antenna & Transmitter, based on which we can decide on the length of the RF cable to buy. (5mm outer diameter)

Step (3): Connect TX Antenna Plug Commutator & Jack Commutator to the RF Cable.

Step (4): Fix that Jack Commutator end onto the Bracket, then mount TX Antenna on it.

Step (5): Connect the Plug Commutator with the TX Antenna Connector on the transmitter to finish installing.



No	①	②	③	④	⑤	⑥
Item	TX Antenna	Jack Commutator(TX)	Antenna Bracket	RF Cable	Plug Commutator(TX)	Antenna Connector(TX)

■ FM Antenna Installation

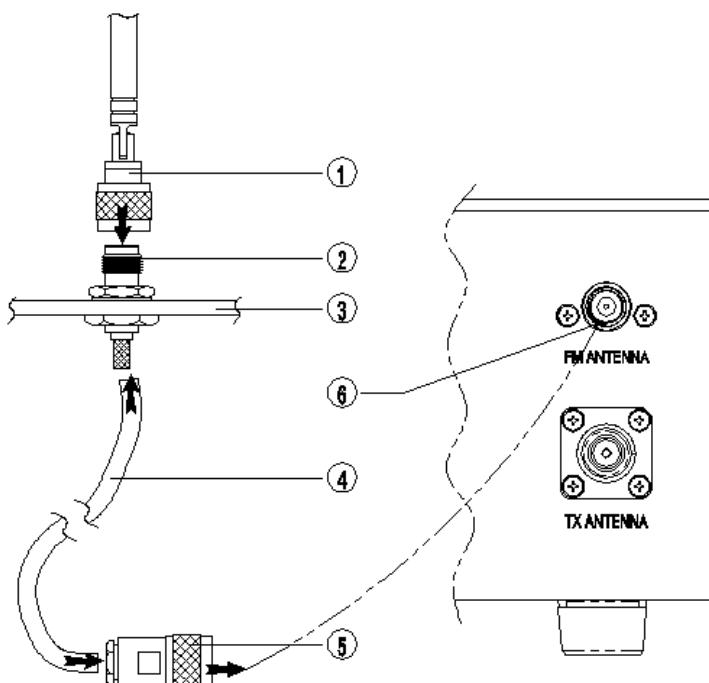
Step (1): Find a place to install the bracket which is to hold the FM Antenna.

Step (2): Please confirm how long the distance should be between Antenna & Transmitter, based on which we are able to decide on the length of the RF Cable to buy. (5mm outer diameter)

Step (3): Connect FM Antenna Plug Commutator & Jack Commutator to the RF Cable.

Step (4): Fix that Jack Commutator end onto Bracket, then mount FM Antenna onto it.

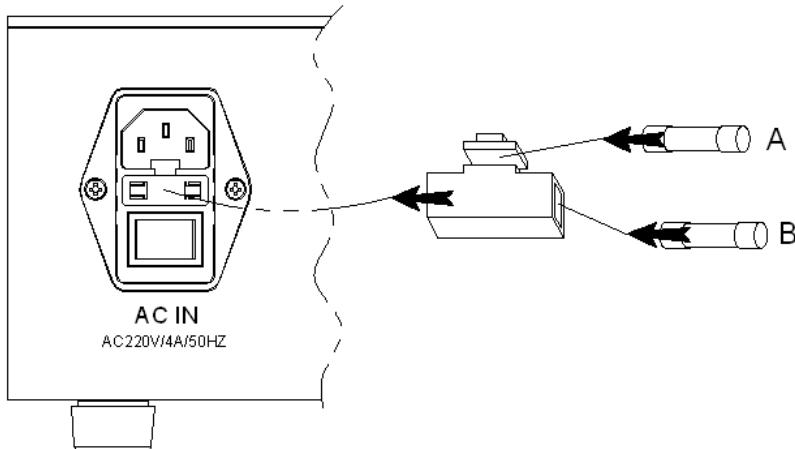
Step (5): Connect that Plug Commutator end with FM Antenna Connector on the transmitter to finish installing.



No	①	②	③	④	⑤	⑥
Item	FM Antenna	Jack Commutator(FM)	FM Antenna Bracket	RF Cable	Plug Commutator(FM)	FM Antenna Connector

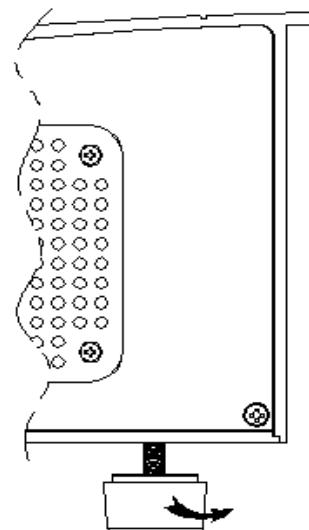
2. Fuse Assembly

Please remove the fuse holder & insert 2 fuses in it as illustrated below, "A" is for operating, and "B" is as a spare fuse, then put the fuse holder back.



3. Height Adjustment

Adjusting the height to a most suitable level for operation by rotating the 2 back feet of the unit, the maximum allowable height to adjust is 2 centimeters. To lower the height by rotating clockwise & raise the height by rotating withershins. The feet will stop rotating when it is up to maximum level.



●Programs Installation

1. **WIN XP Operation System Installation:** First of all, connecting USB keyboard & USB Mouse to the unit, and switch the unit on to get BIOS ready to be used, then put Win XP Operation System Disk into CD tray, and then follow the normal installation procedures to install.
2. **Touch Screen Driver Installation:** Open the random installation Disk, double click PENMOUNTSETUP.EXE, and then using the touch pen to position on the LCD screen after installation is finished, then exit after finishing positioning, the LCD is now available to be used.
3. **Graphics Driver Installation:** Open the random installation Disk, and then open X: \DRIVER\INTER\VGA\PV1436\32\WIN2K-XP\, double click SETUP.EXE. Then follow the normal installation procedures to install.
4. **Sound Card Driver Installation:** Open the random installation Disk, and then open X: \DRIVER\REALTEK\REALTEK-WOM_R227\, double click SETUP.EXE, and then follow the normal installation procedures to install.
5. **Internet Card Driver Installation:** Open the random installation Disk, and then open X: \DRIVER\REALTEK\NIC\PCIE_INSTALL\, double click SETUP.EXE, and then follow the normal installation procedures to install.
6. **CD Writer Driver Installation:** Open the random installation Disk, and then open X: \, double click NERO.EXE, and then follow the normal installation procedures to install.
7. **DSI System Driver Installation:** Open the random installation Disk, copy file DSI to C: \, open C: \DSI\, then create a shortcut key of DSI.EXE onto WINDOWS Desktop.
8. Double Click DSI shortcut icon on the Desktop to log on to DSI Operation Interface. Congratulations! You are already officially one of our DSI users.

4. Tech Specifications

1. Power Source: 110VAC/50HZ;
2. Modulation Method: GFSK
3. Operating Frequency: 420~470MHz
4. Maximum Channel Number: 500 CH
5. Maximum Power: 10W
6. Transmission Speed: 38.4kbps
7. Modulation Deviation: 15KHz
8. Working Temperature: -10°C~50°C
9. Working Humidity: 10%~90% Relative Humidity, No condensation

5. Operation Guide

Illustration

6. Servicing & Maintenance

1. (Touch TFT-LCD)

- Please keep the LCD Screen dry & clean to ensure the cursor positioning is accurate enough .
- Touch Screen is one high-tech precise electronic component controlled by induction, on the surface it's got a plastic film to protect itself. Please do not operate with such sharp stuff as Pencil、Fingertip etc, use our specified touch pen only.
- Touch Screen is waterproof, so wet towels can be used to clean the screen surface if there is any dust on it, but remember not to use any cloth made of coarse materials.

2. CD-ROM (ODD)

- Please keep the unit steady during the process of Disk reading, doing so just to avoid any damages accidentally caused to the CD-ROM by high-speed moving of the Disk.
- Please take great care when inserting the Disk into the tray, hold the CD tray stably with 1 hand & place the Disk right into the tray with the other hand just in order not to cause any deformation to the tray.
- Please take out Disk prior shutting the unit down to make sure there won't be any damage caused accidentally to the laser head when you move the unit.
- Please get the CD-ROM cleaned up by special cleaning Disk only & do regular cleaning of the laser head .

3. Water Treatment

- Once water goes in, switch off the unit immediately to avoid further damage .
- Remove the power line right away & other external equipments (if any).
- Get the water poured out of the unit & give it a careful wipe with napkins or towels.

■ Blow into the fan guard & filter on left & right side of the unit by the Fanner, please bear in mind not using a hairdryer to blow & deliver it to the authorized Service Network without further delay to have the well-trained professionals handle it.

4. Cleaning Maintenance

■ Please make sure to keep following steps in mind prior doing the cleaning maintenance:

Step1: Switch off the unit, and then remove the power line.

Step2: Using a small vacuum cleaner to get the dust in the gaps of the Connectors, Buttons, Knobs and the like absorbed.

Step3: Give the unit surface a soft wipe by using the slightly wetted dry towels, do not let any cleaning agent go inside the housing, otherwise the circuit may get short & burned.

Step4: Do not switch ON the unit until it is entirely dry.

7. Cautions for warranty

1. Only 1 year warranty period is guaranteed.
2. If during this period of guarantee the product you have bought proves defective due to improper materials or workmanship, our authorized Service Station or authorized Service Dealer in your country will without charge for labor or parts repair or replace the product or its defective parts. Our guarantee of free of charge service doesn't cover following terms and conditions, any repairing or replacing towards below problems & malfunctions will be charged accordingly.
 - A. Damages caused by natural disaster (water、fire、earthquake、lightning、typhoon etc), or any improper use that is beyond the control of our company.
 - B. Problems & malfunctions caused by removing& assembly、repairing done by user himself or test & maintenance conducted by any non-authorized Service Stations.
 - C. Any adaptation or changes to upgrade the product from its normal purpose as described in the Instruction Book without the prior written consent of our company.
 - D. Problems & malfunctions caused by improper settings or Drivers installations done by user himself.
 - E. Problems & malfunctions caused by Internet virus.
 - F. Identification Tag or type or serial number or warranty card of the product has been altered、deleted、removed or made illegible.
 - G. Problems & malfunctions caused by other improper operation.
3. A very fast servicing & repairing is offered by our dealer as soon as the receipt of your defective product.
4. The software Disk dispatched together with the product is an All-in-one Disk, into which

the DSI System Driver、Computer Main board Driver、Touch Screen Driver and CD Writer Driver are incorporated. Any actions of purchasing are declined by us if that Disk developed any damage.

8. Trouble Shooting

Malfunctions	Solutions
Can't be switched ON	<ol style="list-style-type: none">1. Please check whether the power line is being connected well.2. Please check whether the fuse has been blown.
No signals picked up	<ol style="list-style-type: none">1. Please check whether the TX Channel No is in accord with RX's.2. Please check whether the "Group" of that RX has been activated on the TX.3. Please make sure to press "MASTER" prior transmitting.
Receiving Intermittently	<ol style="list-style-type: none">1. Please check whether the transmitting power has been changed.2. Please check whether the TX antenna cable is being connected well.
No radio programs searched	Please check whether the antenna cable is being connected well.
System Halted	<ol style="list-style-type: none">1. Pressing "Power ON" switch to re-start the unit.2. Switch off the power supply, and then switch on again.

Note: The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

RF Exposure Warning Statement:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in fixed station exposure condition without restriction.

The safety separation distance of the fixed station device is at lease 100 cm, Please put the product in the coorect and safety location.

Memo

DSI Broadcasting System Warranty Card (Customer's Receipt)

Thanks for purchasing our DSI Broadcasting System, in the event that any after-sales services are needed, you are required to contact the dealer from whom it was purchased or a member of our authorized Service Network either via Website or Telephone.

1. Please visit our website given below:

www.alltech.co.th

2. Please reach our Technical Support Service at the number given below:

Tele: 02-508-2472 Fax: 02-948-4842

Purchasing Date: _____ Y _____ M _____ D

Dealer Tele: _____

Dealer Address: _____

Sales person: _____

Dealer (Stamp) : _____

*Null & void without dealer's stamp

*Above blanks are supposed to be completed by the Dealer.

*Please make sure the above said purchasing date is in accord with the date on the invoice.

* "Warranty Card-Customer's Receipt" kept by customer himself.

DSI Broadcasting System Warrant Card (Dealer's Return Receipt)

User Information:

*Name: _____ MS MR Company: _____
*Tele: _____ *Cell: _____
*E-mail: _____
*Province: _____ Address: _____
Postal Code: _____

*For the customer's rights & interests to be protected, above*marked items are required to be completed after confirmation with customer.

Dealer Information:

Company: _____

Salesperson: _____

Tele: _____ - _____ Ext: _____

Purchasing Date:

_____ Y _____ M _____ D

Dealer (Stamp):

*Null & Void without dealer's stamp

*Above blanks are supposed to be completed by the Dealer.

*This "Warranty Card(Dealer's Return Receipt) is required to be filled out & cut off by Dealer & has to be shipped to Alltronics within 15 days from the time of purchasing.