Air Sender Function Introduction
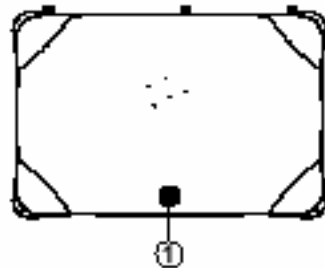
Indicators and Ports on Air Tune

Fig. 1 Upper Panel

① POWER (on/off) button and LED indicator :
Press the button once to turn on the power. Green light indicates Air Tune is turned on. Press the POWER button again to turn off Air Tune. When the indicator is not lit, Air Tune is off. (Note: Make sure all wires are properly connected before turning on the power).

PS: After Air Tune is connected with the adapter, WiFi AP Router will be turned on automatically no matter Air Tune Transmitter is turned on or off. The router can only be turned off when the adapter is unplugged.

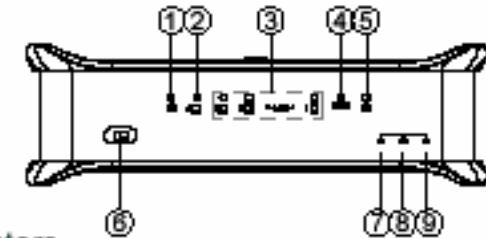PS: For setting up WiFi AP Router, please refer to the user manual of WiFi AP Router

Fig. 2 Front Panel Indicators

① Power Indicator: Green light turns on when the power is turned on.
② Air Sender Indicator: Orange light turns on when connected with Air Sender.
③ LAN Indicator: Orange light turns on when connected with Air Player via the LAN port.
④ WAN Indicator: Orange light turns on when Internet is connected.
⑤ Wi-Fi Indicator: Orange light turns on when Wi-Fi is connected.
⑥ Mode switch: Switch the lever to Movie mode if you desire to watch movies. Switch the lever to Game mode if you desire to play PC game via TV.
⑦ Ready Indicator: Blue light turns on when Air Tune is ready for linking.
⑧ Link Indicator: Red light turns on when Air Tune is connected with AP Router well.
⑨ ACK Indicator: Orange light turns on when data is transmitting.

Mode Switch:

Step 1:

Please switch the Air Tune to Game or Movie Mode. Air Tune will restart. Please wait until the blue light (ready) is on which indicates successful restart (around 20-30 seconds).

Step 2:

After you switch the mode, Air Player will return to Main Menu. Please reconnect Air Tune after Step 1 is properly performed.

Remark:

1: If you do not see the desired screen after these steps, please restart and reconnect Air Tune and Air Player to complete the mode switch steps.

2: If the blue light (ready) on Air Tune is not on after you complete the mode switch, please restart Air Tune and wait until the blue light is on to reconnect Air Tune.
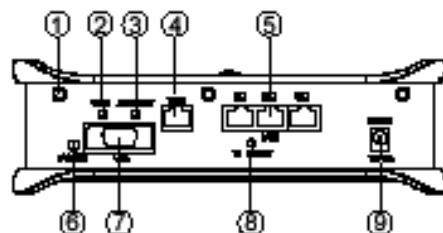
Fig. 3 Rear Panel

① Antenna Jack: connecting to antenna.
② WPS: Restore factory setting by pressing the key and hold
   around 5 seconds.
   WPS: Press once to activate WPS function, please refer to
   AP Router Set up Section 3.4.Restore factory setting by
   pressing the key and hold around 5 seconds.
③ AP RESET: to reset AP and reconnect.
④ WAN Port: connecting to Internet with modem and network cable.
⑤ LAN Port: to connect to local network; connect with PC
   directly or to connect with Air Player via cable.
⑥ Audio Ø3.5 Lin: audio input, to connect with audio devices.
⑦ VGA Port: for connecting to devices with VGA output.
⑧ Air Tune RESET: to reset and reconnect the transmitter.
⑨ Power In: 12V/5A, input with Adapter.

Installing Components of Air Tune and Connecting Air Tune with PC/Notebook
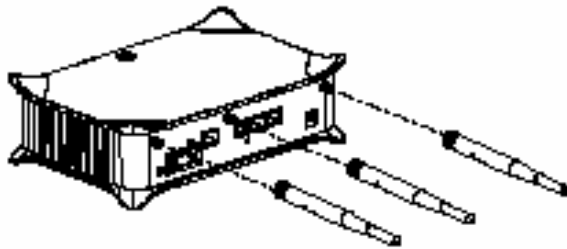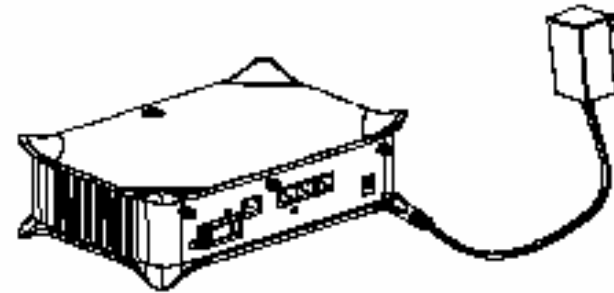
Installing Components of Air Tune

Fig. 1 Upper Panel

Fig. 2 Installing Air Tune and adapter

Installing the adapter set into the DC slot of Air Tune.

Connecting with Notebook/PC (you can choose one of the following two installation options according to your need).
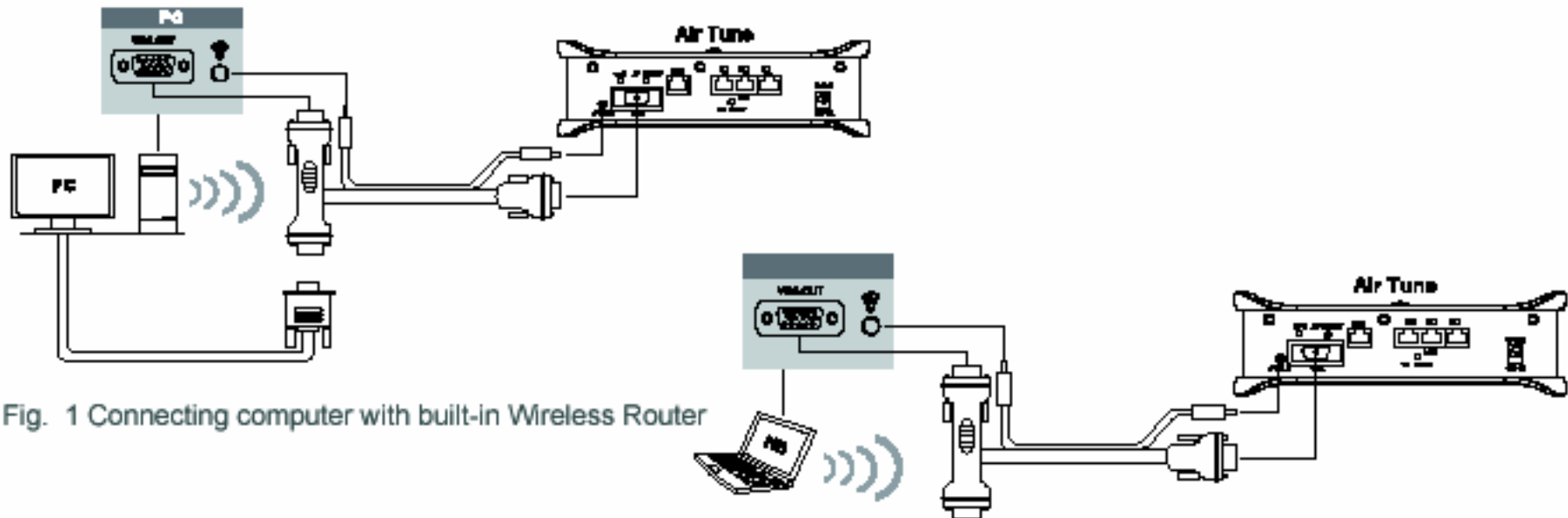

Fig. 1 Connecting computer with built-in Wireless Router

1. Connecting computer and Air Tune through VGA and audio cables for video and audio transmission. (When connecting to laptop computer, be sure to switch your laptop display option.)
2. With the built-in Wireless Router function in Air Tune, notebook/PC can be connected with Air Tune wirelessly. (802.1 a/b/g/n supported).
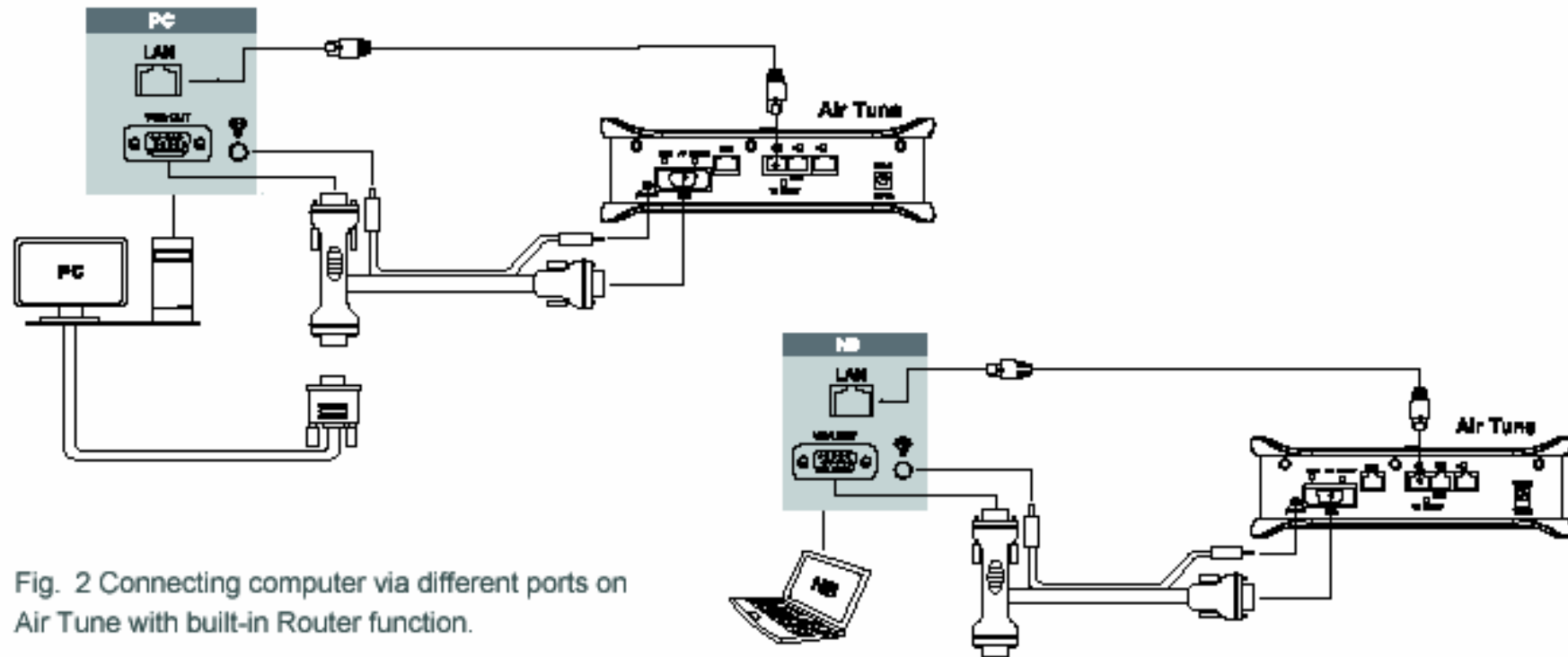
Fig. 2 Connecting computer via different ports on Air Tune with built-in Router function.

1. Connecting computer and Air Tune through VGA and audio cables for video and audio transmission.
   (When connecting to laptop computer, be sure to switch your laptop display option.)
2. With the built-in Router function in Air Tune, Notebook/PC can be connected to Air Tune with RJ45 network cable.

FCC statement in User's Manual (for class B)

"Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

1. The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

   (1) This device may not cause harmful interference, and

   (2) this device must accept any interference received, including interference that may cause undesired operation.

2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

2.8 FREQUENCY STABILITY

Frequency Stability (15.407 (g))

FCC 15.407 (g) states: " Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual."

The device uses 20MHz & 40MHz wide channels centered in the allowed 5GHz frequency bands. The required guard bands are implemented per the 802.11 specification. The device also requires a +/- 20ppm frequency over temperature and with aging. Based on the tolerance of the frequency and the guard band, the device will maintain emissions within the UNII bands.

Information for OEM integrator:

"If this device is going to be operated in 5.15 ~ 5.25GHz frequency range,

then it is restricted in indoor environment only."