

Wireless LAN Unit

Model: WN7122BEP



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Safety Instructions

Thank you very much for purchasing this product. Read this document carefully to use this unit safely and correctly. To allow you to solve any unknown points quickly, keep this information close to hand.

If any points are unclear, contact your local dealer or the nearest address provided in the "User's Guide" supplied with your projector.

So that you can use the product safely and correctly, symbols are applied in the documentation and on the product to indicate possible harm to the user or to others and the risk of damage to property. The indications and their meaning are as follows. Make sure you understand them properly before reading the guide.

 Warning	This symbol indicates information that, if ignored, could possibly result in death or personal injury due to incorrect handling.
 Caution	This symbol indicates information that, if ignored, could possibly result in personal injury or physical damage due to incorrect handling.

 Warning	
● May exert electromagnetic interference on, and cause malfunction of, cardiac pacemakers.	Before using this unit, check that there is no one in the vicinity using a cardiac pacemaker.
● May exert electromagnetic interference on, and cause malfunction of, sensitive medical equipment.	Before using this unit, check that there is no sensitive medical equipment in the vicinity.
● Use of this unit on aircraft may be restricted in some countries.	Before using this unit, check that use of this unit is not restricted on the aircraft.

Caution

- **This unit should only be used for Epson projectors.**
If it is installed on another device such as a computer, it may result in computer failure, damage, or malfunctions.
- **Do not disassemble or remodel this unit.**
This may result in burns.
- **This unit is only for indoor use.**
- **To comply with RF exposure compliance requirements, a distance of at least 20 cm must be maintained at all times between the antenna of this unit and people in the vicinity.**

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Precautions

Notes on Handling and Storage

- Do not store in locations with high temperatures or high humidity. It may in particular be damaged or deformed if left in a vehicle with the windows shut, or placed in locations with unusually high temperatures for extended periods such as in direct sunlight.
- Do not get it wet. This may cause malfunctions to occur.
- Do not use near microwave ovens. Wireless communication may be interrupted by electromagnetic interference generated by microwave ovens.
- Do not drop it, subject it to shocks, or place heavy objects on it.

Frequency Precautions

The frequency band for this unit is 2.4 GHz. This frequency range is the same frequency bandwidth as industrial, scientific, and medical devices such as microwave ovens and mobile unit identification (RF-ID) systems (licensed premises radio stations and unlicensed specified low-power radio stations) used in factory production lines. Before using this unit, check that there are no radio stations for mobile unit identification or specified low-power radio station premises nearby. In the event that this unit should interfere electromagnetically with the premises of a radio station used for mobile unit recognition, cease use immediately and stop generating the electromagnetic field. Contact your local dealer or the nearest address provided in the "Support and Service Guide" supplied with the projector if this unit interferes electromagnetically with a special low-power radio station used for mobile unit identification or causes similar problems.

Wireless Telegraphy Act Regulations

The following acts are prohibited by the Wireless Telegraphy Act.

- Modifying and disassembling (including the antenna)
- Removing the label of conformance

International Travel Precautions

Wireless devices are designed to conform to the channel and frequency limits of the country they are intended to be used in. This unit is based on the specifications of the country of sale. If this unit is used outside the country of sale, check with a local dealer for more information.

Notes on Security when Using Wireless LAN

(Important information on customer rights (maintaining privacy))

The advantage of using a wireless LAN over a LAN cable is that, because information is exchanged using radio signals, you can easily connect to the network if you are within range of the radio signals. A disadvantage of this is that within a certain range, the electromagnetic signals can pass through barriers such as walls, so that if security countermeasures are not implemented in some way, problems such as the following may occur.

- Communicated data can be intercepted

A third party may be able to receive wireless transmissions without authorization, and they could obtain personal information from these transmissions such as IDs, passwords, or credit card numbers, or they could intercept the contents of personal e-mail messages.

- Unauthorized access to the network

A third party could access an individual or intra-company network without permission and carry out any of the following activities.

- Retrieve personal data or other secret information (information leakage)
- Pose as another user and send inappropriate data (impersonation)
- Overwrite the contents of intercepted data and resend it (falsification)
- Introduce a computer virus which could cause data loss or system crashes (damage)

Initially, the possibility that such problems could occur through settings concerning the security of the wireless LAN product and by using the product are decreased, because the wireless LAN card and the access point have security measures to deal with these problems. We recommend that you use this product after making security settings using your own judgment and assuming full responsibility, and with your full understanding of problems that may occur if you do not make any security settings.

See the "User's Guide" on the "Document CD-ROM" supplied with the projector for more information on security settings.

Overview of Wireless Network Connections

This wireless LAN unit allows the projector to communicate wirelessly with other devices.

When you connect this unit to the projector, you can project the screen of a computer with a built-in wireless LAN feature, or the content of smartphones and tablet devices wirelessly over a network.

There are two connection modes available depending on your network environment.

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Quick connection mode

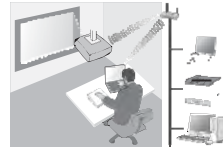
Connects the device directly to the projector without using a Local Area Network (LAN).

While using Quick connection mode, you cannot connect the device to any access points other than this unit.



Advanced connection mode

Connects the device to the projector using a wireless LAN access point.



Software and applications for wireless connection

You can project the screens or content of connected devices using one of the following software items or applications.

- **EasyMP Multi PC Projection (Windows/OS X)**

Projects screens from up to four computers simultaneously in separate projected panels.

You can install this software from the supplied EPSON Projector Software CD-ROM or the Epson Web site.

- **EasyMP Network Projection (Windows/OS X)**

Projects the screen from one computer connected to the projector over a network.

You can install this software from the supplied EPSON Projector Software CD-ROM or the Epson Web site.

- **Epson iProjection (iOS/Android)**
Projects the content of a smartphone or tablet device.
You can download this app from the App Store or Google Play.
- **Quick Wireless Connection USB Key (Windows)**
Projects the computer's screen by simply connecting this key.
You can purchase the key from the Epson Web site or your local dealer.

Installing

1. Install the wireless LAN unit

Install this unit to the projector's wireless LAN unit installation section or the USB-A port.

The installation position differs depending on the projector. See the "User's Guide" supplied with the projector for more details.

2. Make network settings for the projector

Press the [Menu] button on the remote control or the control panel, and then set up the **Network** menu items.

The setting names and content differs depending on the projector. See the "User's Guide" supplied with the projector for more details.

Setting Item	Content
Wireless Mode	Enable wireless LAN.
Connection Mode	Select Quick ^{*1} or Advanced depending on the connection method.
SSID Auto Setting (Quick connection mode only)	To assign an SSID automatically to speed up the search for a projector, select On ^{*2} . To set the SSID and passphrase manually, select Off .
Search Access Point (Advanced connection mode only)	Search for available access points, and select the SSID you want to connect to. When using models that do not have the Search Access Point function, or if you want to specify the access point manually, set an SSID and passphrase.

*1 This setting may not be available on all versions of the software or the application.

*2 When **SSID Auto Setting** is set to **On**, the **Passphrase** is set automatically to the projector that is functioning as a simple access point (for supported models only). Change the **Passphrase** to use Epson iProjection or to enhance the connection security.

3. Project using software or applications

Preparing to connect

- Press the [LAN] button on the remote control to display Network information (the LAN standby screen).
- Connect the device to the same network as the projector.
(You do not need to do this when connecting a computer using Quick connection mode.)

Operating the software

- Search for the projector using software or applications.
- Select the projector you want to connect to.
- Select **Connect** or **Join**.
- When prompted, enter the keyword currently displayed on the LAN standby screen.

The operations differ depending on the software or application. See the operation guide for each software, or the explanation on the App Store, or Google Play for more details.

Reading the Wireless LAN Indicator

Indicator	Status
 Off	This unit is not installed in the projector. Or wireless LAN is disabled in the projector's Network menu.
 Blue	This unit is installed in the projector and connections are available.
 Blue (Flashing quickly)	This unit is installed in the projector and is connecting to a device.
 Blue (Flashing slowly)	An error has occurred. Turn off the projector, reinstall this unit, and then turn on the projector.

For the specification of this unit, see "Specifications" at the end of this guide.

Specifications

Electrical Rating	DC 5V, 400mA
Operating Temperature	According to the projector's operating temperature.
Appearance/ Mass	Approx. 24 mm (W) x 51 mm (D) x 10 mm (H)/9g
Frequency Range	2.412 to 2.472 GHz (1 to 13ch) 2.412 to 2.462 GHz (1 to 11ch) Channels 12 and 13 are not available for US, Canada and Latin American countries.
RF Output Power	Maximum RF Output Power (FCC/IC/NCC) : 19.42 dBm. Maximum RF Output Power (Japan) : 9.955 mW/MHz
Modulation	●MIMO-OFDM (IEEE802.11n mode) ●DS-SS (IEEE 802.11b mode) ●OFDM (IEEE 802.11g mode) Single message transmission (half duplex)
Interference-causing Distances	Less than 40 m

Product Information

For users in Turkey:

Türkiye'deki kullanıcılar için

AEEE Yönetmeliğine Uygundur.

Indication of the manufacturer and the importer in accordance with requirements of directive 2011/65/EU (RoHS)

Manufacturer: SEIKO EPSON CORPORATION

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Telephone: 81-266-52-3131

Importer: SEIKO EUROPE B.V. Address: Azie building, Atlas ArenA,
Hoogoorddreef 5, 1101 BA Amsterdam Zuidoost

The Netherlands

Telephone: 31-20-314-5000

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