



## ***Appendix 6. User Manual***

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Refer to the following pages

# Tel©max 211/212 User's Manual

VER 1.1.7.0

HS Teliann Inc.

## ➤ Before using

This user's manual includes information concerning the components, installation and usage of Tel①max211/212.

Please read this manual and use caution before installing Tel①max211/212 equipment.

In the case of questions or comments regarding equipment, contact us at the number provided on the product warrantee.

## ➤ Safety precautions

Because Tel①max211/212 comes with various drivers and software installed, there is no need for card installation or other tasks before using. HS Teliann accepts no responsibility for problems attributable to the mishandling of equipment by any technician that is not certified by HS Teliann or by the user himself. Therefore, in the case that the customer desires to upgrade the present system functions or repair malfunctioning units, contact the location of purchase and a certified expert.

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## Chapter 1 – Summary

### 1.1 About Tel①max211/212

Tel①max211/212 is a 1/2 channel VoIP(Voice over Internet Protocol) product which supports a standard protocol of H.323 as defined by the ITU-T for data telecommunication webs with an IP foundation.

This product uses a data telecommunications web to support Ethernet for voice transfer, and offers voice calling by utilizing the standard protocol, H.323 (RAS, Q.931, H.245, RTP/RTCP). It also support the standard facsimile protocol, T.38. It also allows the user to select between VoIP and PSTN Backup functions.

Also, because standard protocols were used, it can be connected via existing data webs to equipment from other companies with convenient construction of both the internal and external webs of the VoIP.

The menu has been systematically constructed for the user's convenience and program modifications and configurations can be made from a remote location via the SNMP/Telnet/Web.

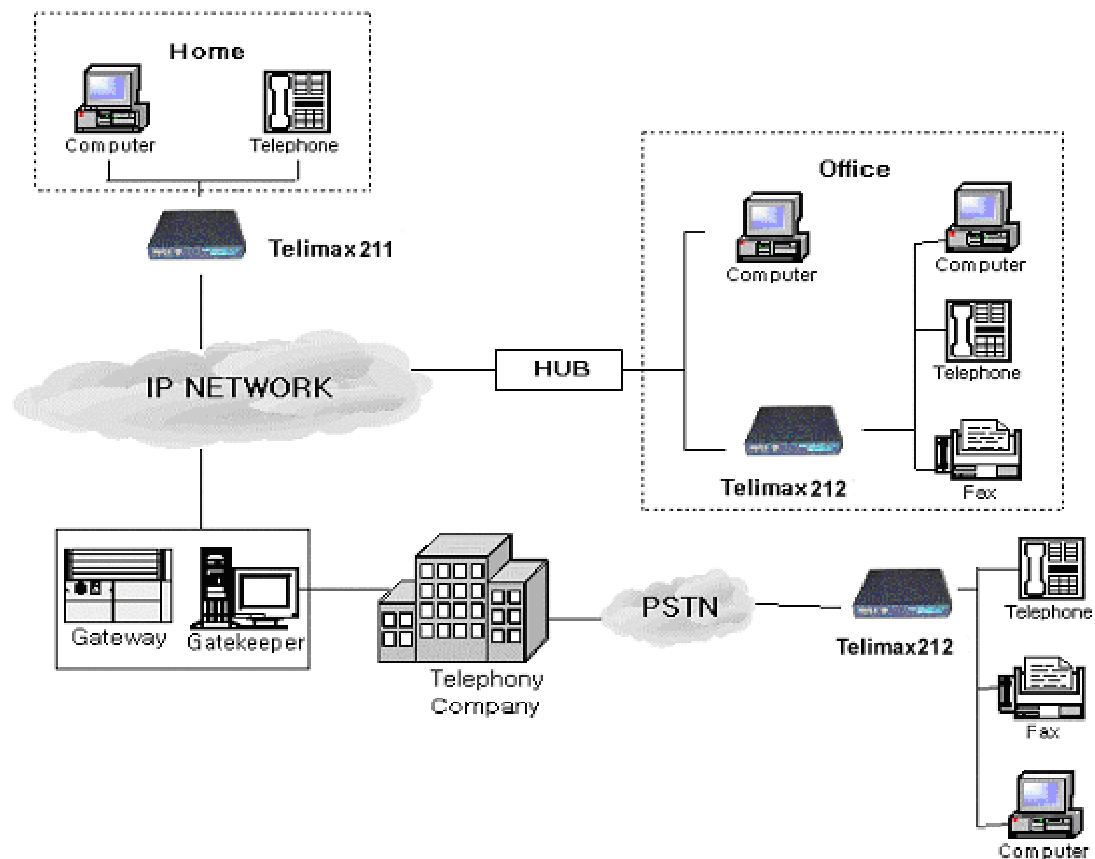


Figure 1. Telimax211/212 Service web

## 1.2 Telimax211/212 components and functions

### 1.2.1 Connection module

- 10 BASE -T Ethernet interface
- RING DETECTION & RING GENERATION
- GAIN control function
- Analog 1/2 port Interface (RJ11)

### 1.2.2 Maintenance module

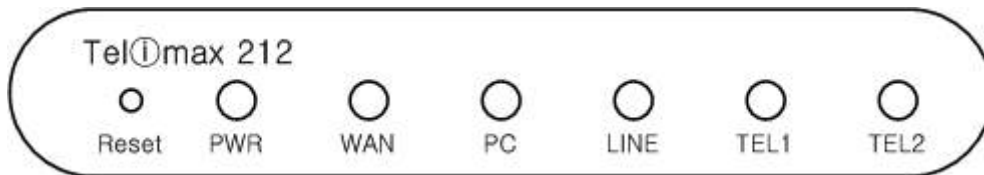
- Monitoring and setting functions via RS232 telecommunications
- Remote program download
- Management from a remote location using SNMP/Telnet/Web

### 1.2.3 VoIP module

- G.711 (A律, U律), G.723.1, G.729 Coding type support
- Echo Cancellation
- ITU-T의 H.323 standard protocol support
- RAS, Q.931, H.245, RTP/RTCP support
- Compatibility with various equipment

#### 1.2.4 LED names and functions

The following is a figure of the LED on the front face of Tel<sup>i</sup>max211/212



There is no TEL2 LED on Tel<sup>i</sup>max211

Figure 2. Tel<sup>i</sup>max211/212 Front face

The following is a description of each function.

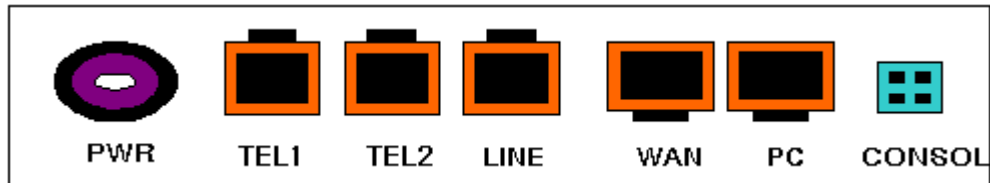
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|              |                                                                           |
|--------------|---------------------------------------------------------------------------|
| <b>Reset</b> | Loads the basic information                                               |
| <b>PWR</b>   | Lights on when power is supplied normally                                 |
| <b>WAN</b>   | Lights on when the connection between the WAN Port and Ethernet is normal |
| <b>PC</b>    | Lights on when the Ethernet connected to the PC or HUB is normal          |
| <b>LINE</b>  | Lights on when using PSTN                                                 |
| <b>TEL1</b>  | Lights on when using Telephone line 1                                     |
| <b>TEL2</b>  | Lights on when using Telephone line 2                                     |

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### 1.2.5 Rear Face

The following is a figure of the connectors on the rear face of Tel①max211/212



There are no connectors on Tel①max211

Figure 3. Tel①max211/212 Rear Face

The following is a description of each connector.

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|               |                                                                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PWR</b>    | Cable connection to the power-supplying adapter (DC 5V)                                                                                         |
| <b>TEL1</b>   | Connection to the telephone line                                                                                                                |
| <b>TEL2</b>   | Connection to the telephone line(Does not exist on Tel①max201)                                                                                  |
| <b>LINE</b>   | Connection to the PSTN Line                                                                                                                     |
| <b>WAN</b>    | Connection to the Ethernet Port via the Ethernet cable (1:1 connector) of the HUB or router with the external connection (cable modem or ADSL). |
| <b>PC</b>     | Connection to the Ethernet Port via the Ethernet cable (1:1 connector) of the PC or HUB.                                                        |
| <b>CONSOL</b> | Connection to the Serial cable (to be used only by system managers)                                                                             |

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