

ezIP Communication Panel EZ-TCH

INTRODUCTION

The EZ-TCH Communication Panel is an innovative touchscreen appliance that sends live voice, pre-recorded audio, and uploaded audio file announcements to Valcom ezIP Multicast Page Groups, ezIP speakers or horns, and ezIP Page Controllers. The EZ-TCH can also initiate and receive intercom calls to or from Valcom ezIP talkback-enabled endpoints or SIP telephones. The Communication Panel can receive and play paging announcements via its built-in speaker from other Valcom ezIP gateways. The EZ-TCH is equipped with a handheld microphone with push-to-talk button.

Applications

- Emergency Alert Terminal
- Public Address / Paging Console
- Intercom Answering Station

SPECIFICATIONS

Access Methods

- Touchscreen activation of announcements
- SIP protocol phone calls
- Valcom ezIP Page Controller
- Valcom ezIP Multicast Page Group

Features

- Wall-mounted interactive IP device with 10.1" color touch screen display, loudspeaker, and handheld microphone
- Lockable front cover
- Send pre-recorded audio files at the push of a button
- Sends voice pages, either "Live" or Record & Send for feedback elimination
- Makes/receives bidirectional voice calls to Valcom ezIP and SIP endpoints
- Receives audio pages
- Simple configuration via web browser interface
- Upgradable to full Valcom IP capability
- Power over Ethernet Plus (PoE+), or external 12 Vdc power adapter (not included)



Dimensions/Weight

Product:

- 15.4" W x 11.4" H x 2.8" D
(39.1cm W x 29.0cm H x 7.1cm D)
- 6.2 lbs. (2.8 kg)

Nominal Power Requirements

Power over Ethernet Plus (PoE+):

IEEE 802.3at compliant switch or injector

External via barrel connector:

Voltage: 12 Vdc

Current: 2A

(External Power Supply not included)

Environment

Temperature:

0 to +40° C

Humidity:

0 to 85% non-precipitating

These products are intended for use with a UL Listed power source marked "Class 2" or "LPS" rated 12 Vdc, or 48 Vdc (PoE).

PoE and all interconnected ITE are intended for intra-building.

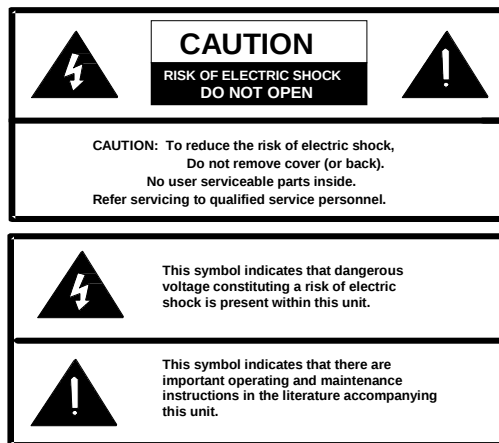
Precautionary Designations

- **WARNING: To Reduce The Risk Of Fire Or Electric Shock. Do Not Expose This Apparatus To Rain Or Moisture.**
- **AVERTISSEMENT: Afin de réduire les risques d'incendie ou de décharge électrique, évitez d'exposer le système à la pluie ou à l'humidité.**
- **Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.**
- **L'appareil ne doit pas être exposé à des égouttements et éclaboussures et aucun Objet Rempli de liquide, comme vase, ne doit être placé sur l'appareil.**

IMPORTANT SAFETY INFORMATION

CONSIGNES DE SÉCURITÉ IMPORTANTES

1. Read these instructions.
Lisez ces instructions.
2. Keep these instructions.
Conservez ces instructions.
3. Heed all warnings.
Respectez tous les avertissements.
4. Follow all instructions.
Suivez toutes les instructions.
5. Do not use this apparatus near water.
Ne pas utiliser cet appareil près de l'eau.
6. Clean only with dry cloth.
Nettoyer avec un chiffon sec.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Ne pas bloquer les ouvertures de ventilation. Installer conformément aux instructions du fabricant.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
Ne pas installer à proximité de sources de chaleur telles que radiateurs, registres de chaleur, poêles ou autres appareils (y compris les amplificateurs) produisant de la chaleur.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet consult an electrician for replacement of the obsolete outlet.
Ne pas contourner le dispositif de sécurité de la fiche polarisée ou de mise à la terre. Une fiche polarisée possède deux lames dont une plus large que l'autre. Une fiche de terre a deux lames et une troisième broche de mise à la terre. La lame large et la troisième broche sont fournies pour votre sécurité. Si la fiche fournie ne rentre pas dans votre prise, veuillez consulter un électricien pour le remplacement de la prise obsolète.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
Protégez le cordon d'alimentation de la marche ou de la pincement, en particulier aux prises, aux prises de courant et au point où le cordon sort de l'appareil.
11. Only use attachments/accessories specified by the manufacturer. plug is damaged, liquid has been spilled, objects have fallen into the apparatus or the apparatus has been exposed to rain or moisture and does not operate normally or has been dropped.
Confiez toute réparation à un personnel qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon. Par exemple lorsque le cordon d'alimentation ou la fiche est endommagé, du liquide a été renversé, si des objets sont tombés dans l'appareil ou le appareil a été exposé à la pluie ou à l'humidité et ne fonctionne pas normalement.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
N'utilisez que des fixations / accessoires spécifiés par le fabricant. Utilisez uniquement avec le chariot, stand, trépied, support ou table spécifié par le fabricant ou vendu avec l'appareil. Quand un chariot est utilisé, Soyez prudent lorsque vous déplacez l'ensemble chariot / appareil pour éviter des blessures dues au renversement.
13. Unplug this apparatus during lightning storms or when unused for a long period of time.
Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant une longue période de temps.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way. Such as when the power supply cord or fonctionne pas normalement ou s'il est tombé.



FCC Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference in which case the user will be required to correct the interference at his own expense.

INSTALLATION

Mounting

The EZ-TCH is designed for wall mounting to a solid surface. Open the front cover and remove four screws holding the Front Cover touch screen assembly to the Base mounting box as shown in Figure 1. Mount the Base to the wall using appropriate hardware. Dimensions of mounting holes are shown in Figure 3. Knockouts for conduit are available on the top side and the back of the Base. Route the network ethernet wiring into the Base using the appropriate knockout and connect to the touch screen assembly. Network connection is shown in Figure 2. After mounting the Base and making the network connection, reassemble the Front Cover to the Base using the screws removed earlier.

Power and Network Connection

The EZ-TCH Communication Panel requires Power over Ethernet Plus (PoE+) compliant with the IEEE 802.3at standard. Power will be supplied through the network connection.

The EZ-TCH has one RJ-45 network connector on the bottom of the touch screen panel. Connect the ethernet network cable to the RJ-45 socket as shown in Figure 2.

Setup

Setup of the EZ-TCH will be performed using the Valcom IP Solutions Setup Tool. Download the latest version of the free IP Solutions Setup Tool from the Valcom web site at www.valcom.com/vipsetuptool.

Additional programming will be done directly in the EZ-TCH through the touch screen interface, and via the web browser interface. For further information, please refer to the EZ-TCH User Manual available on the Valcom web site.

TECHNICAL ASSISTANCE

When trouble is reported, verify power is being supplied to the unit and there are no broken connections. If a spare unit is available, substitute a spare unit for the suspected defective unit. Assistance in troubleshooting is available from the factory. Call (540) 563-2000 and press 1 for Valcom

Technical Support or visit our website at www.valcom.com.

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person and the nature of the problem. Send the unit to:

Valcom, Inc.
Repair & Return Dept.
5614 Hollins Road
Roanoke, Va. 24019-5056

WARRANTY

Warranty information may be found on our website at www.valcom.com/warranty.

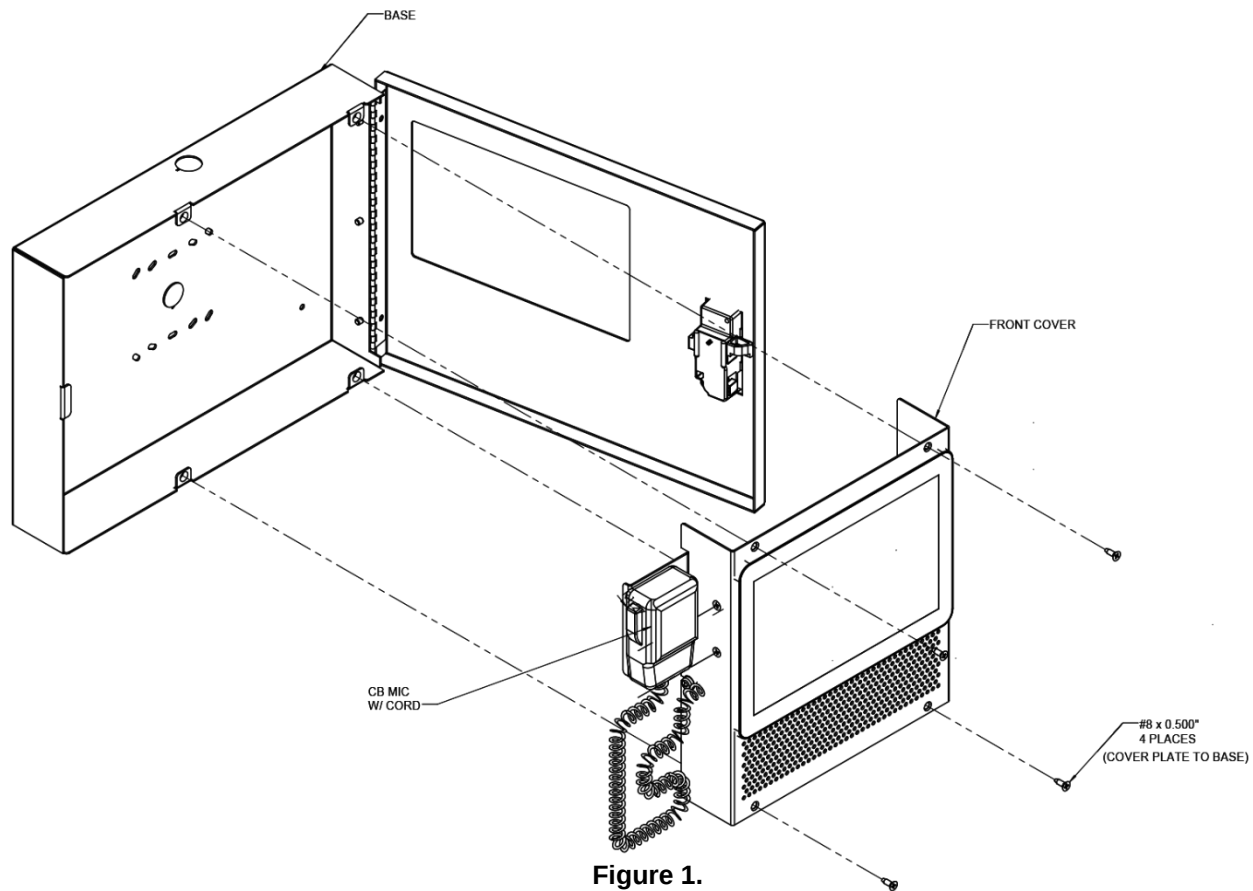


Figure 1.



Figure 2.

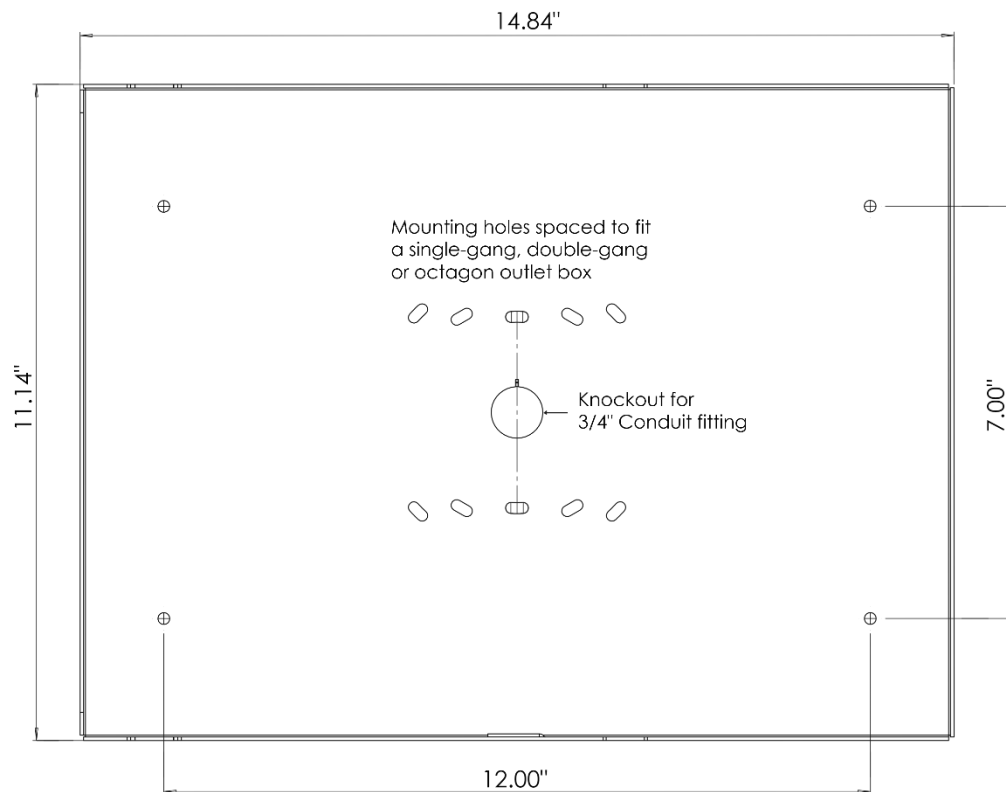


Figure 3.