

**Networked
Paging Station-1
Operation Manual**

Paging Station

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INTRODUCTION

Networked Paging Station-1 is a microphone console using a single cable to carry audio, control, and power, with an innovative user-interface, designed exclusively for use with AudiaFLEX systems. It provides a powerful and easy-to-use set of tools with a wide range of features and functions for the paging market. Networked Paging Station-1 is ideal for stadiums, convention centers, shopping malls, and other facilities where affordable and reliable delivery of clear audio is paramount. Networked Paging Station-1 integrates with AudiaFLEX networks via CobraNet®. Utilizing the Networked Paging Station-1 LCD display, scroll-wheel, and three buttons, users can quickly switch between pre-programmed groups and zones to address even the most complex page routing network.

Networked Paging Station-1 features include:

- designed for exclusive use with AudiaFLEX systems
- Power-Over-Ethernet (PoE) or external supply
- CobraNet audio/control plus power on single cable
- rotary encoder with LCD for programming/setup
- multiple station / multiple AudiaFLEX systems
- 16 simultaneous pages allowed per AudiaFLEX unit
- 32 programmable microphone button operations
- 16 priorities, with override and lock-out functions
- selectable announcement chime tone options
- **CE** marked and **RoHS** compliant

Networked Paging Station-1 - Front Panel Controls



LCD Panel: This Liquid Crystal Display panel provides menus, selections, and status indication during setup and normal operation.

Cancel ✕ : This physical button is used to cancel or exit from selected functions during setup, or to cancel multiple page routing selections during normal operation.

Enter ↵ : This physical button is used to enter or select specific functions during setup, or to make multiple page routing selections during normal operation.

Scroll Wheel: This rotary encoder allows navigation through the available menus and selections during setup and normal operation.

Push-To-Talk 🗣️ : This physical button initiates the selected page routing scheme(s) during normal operation. During setup, the behavior of this button may be assigned as either momentary (push-on/release-off) or latching (push-on/push-off). A time limit may also be established, to prevent accidental and continuous paging of unlimited duration (in effect, automatically ending the Push-To-Talk function).

Networked Paging Station-1 - Rear Panel Connectors












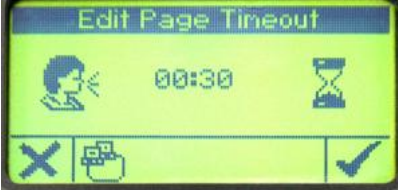


dc power: This 2mm barrel connector is for an optional user-provided external power supply (12~24VDC 3W). In most circumstances, this connection is not used, and power is instead provided at the Power + Data connection (see below). An external power supply may be necessary if CobraNet® network switches do not provide Power-Over-Ethernet (PoE) and PoE adapters are not available, or if it is desirable to perform certain Networked Paging Station-1 setup functions without an available CobraNet network connection (PoE).




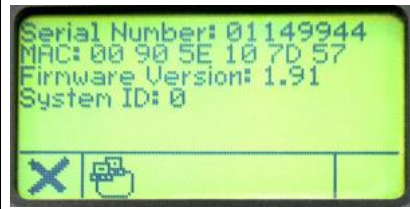
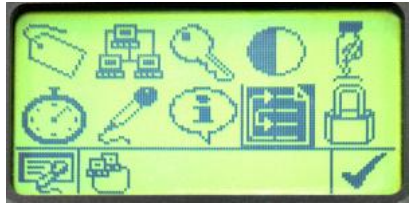



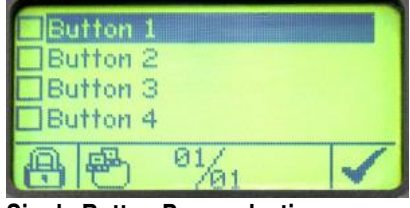



power + data: This RJ45 connector utilizes CAT5 cabling to interface the Networked Paging Station-1 to an AudiaFLEX system. This connection is made to the primary CobraNet port of an AudiaFLEX unit, either directly (single station) or via network switches (multiple stations). This connection carries digital audio and control data over CobraNet. The CobraNet port of an AudiaFLEX does not provide Power-Over-Ethernet (PoE). Therefore, PoE enabled network switches, PoE adapters, or external power supplies must be used. The Power + Data connector provides two LEDs, indicating link/activity and Power-Over-Ethernet (PoE).

Networked Paging Station-1 - Setup

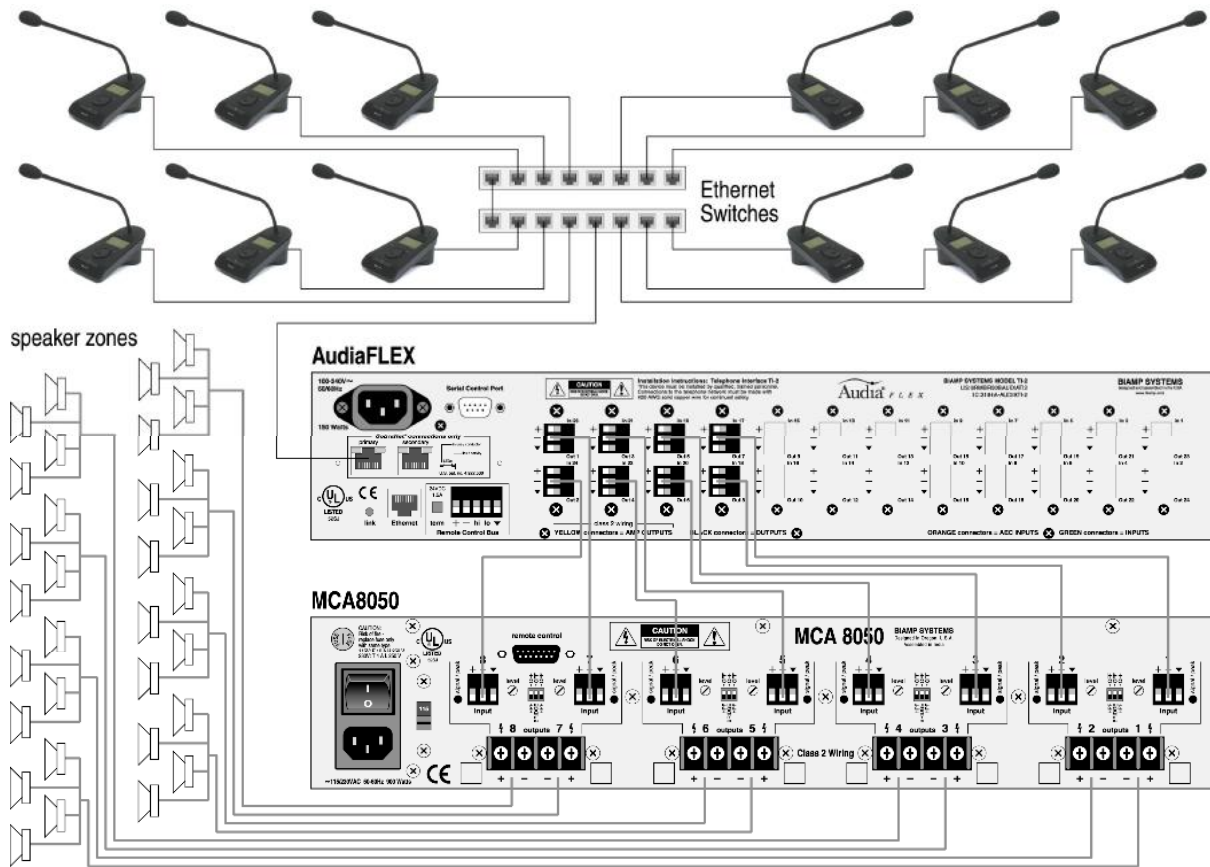
Setup can be done with or without the unit connected to a functional AudiaFLEX system. To enter setup, turn the Scroll Wheel while holding down all three buttons (Cancel, Enter, & Push-To-Talk). An icon in the lower-left corner of the LCD panel indicates that pressing the Cancel button will return the unit to normal operation. Some setup can instead be done via Device Maintenance in Audia® software.

		<p>To name the unit, scroll to the ID Tag icon and press the Enter button. Use the Scroll Wheel and Enter button to select the desired characters. Use the Cancel button to exit from a selection or screen. This 'Station ID' must match that of a corresponding block in the AudiaFLEX design. More than one unit may be identified with the same design block (same ID). Station IDs may instead be assigned via software Device Maintenance.</p>
		<p>To edit the network configuration, scroll to the Network icon and press Enter. The default setting (Automatic) allows the unit to be configured dynamically. Use this setting in all cases, except when adding CobraNet® to an existing Ethernet network (not recommended). These settings may instead be assigned via software Device Maintenance.</p>
		<p>To set password protection, scroll to the Key icon and press Enter. Use the Scroll Wheel and Enter button to select the desired characters. Use the Cancel button to exit from a selection or screen. During normal operation, holding the Cancel button for 2 seconds will lock the unit, and the user will be prompted for the Lock Code before being given access. Lock Codes may instead be assigned via software Device Maintenance.</p>
		<p>To change the contrast of the LCD Panel, scroll to the Contrast icon and press Enter. Use the Scroll Wheel and Enter button to make adjustments. Use the Cancel button to exit from a selection or screen.</p>
		<p>To change the behavior of the Push-To-Talk button, scroll to the Page Button icon and press Enter. Use the Scroll Wheel and Enter button to make a selection. Use the Cancel button to exit from a selection or screen. The left icon (single arrow) indicates latching (push-on/push-off) behavior. The right icon (double arrows) indicates momentary (push-on/release-off) behavior.</p>
		<p>To assign or change a maximum paging duration, scroll to the Timeout icon and press Enter. Use the Scroll Wheel and Enter button to make a selection. Use the Cancel button to exit from a selection or screen. The Timeout range is from 5 seconds to 30 minutes, or none. Page Timeout will automatically end prolonged paging, regardless of whether it is due to latching or continued momentary behavior of the Push-To-Talk button.</p>

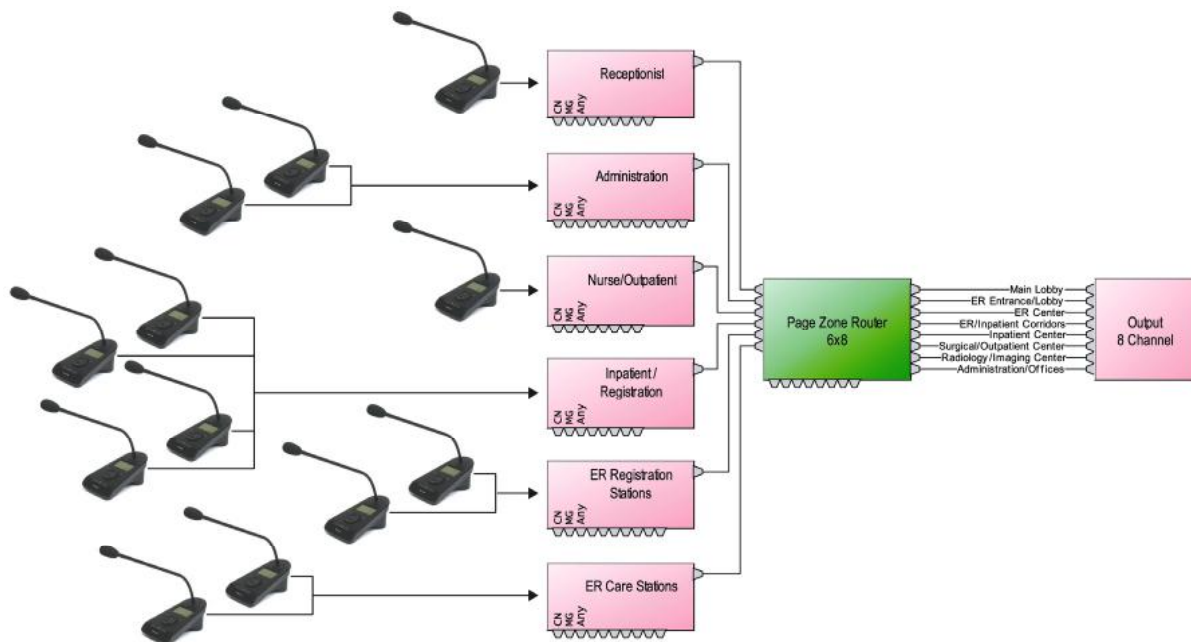
Networked Paging Station-1 - Setup

		<p>To change the microphone input gain, scroll to the Mic icon and press Enter. Use the Scroll Wheel and Enter button to make a selection. Use the Cancel button to exit from a selection or screen. The default setting (16dB) may be sufficient for most applications. Increased gain helps compensate for soft or distant talkers, but may result in amplified background noise and/or distortion of louder signals. Use software Meters to monitor levels.</p>
		<p>To view information regarding the specific unit, scroll to the Information icon and press Enter. Displayed are the Serial Number, MAC Address, Firmware Version, and System ID. This is non-editable information. The Serial Number is helpful in identifying physical units/locations, when naming them via software Device Maintenance.</p>
		<p>During normal paging operation (when connected to a programmed AudiaFLEX system), page routing schemes are selected as 'soft-buttons'. The order in which these soft-buttons appear on a particular unit's LCD Panel may be changed. Use the Scroll Wheel and Enter button to move selected soft-buttons. Use the Cancel button to exit from a selection or screen. Soft button names may be customized during software programming.</p>
		<p>If a Lock Code has been assigned to the unit (and the unit is connected to a functional AudiaFLEX system) it may be locked during setup. To lock a unit during setup, scroll to the Lock icon and press Enter (select 'Yes' to lock or 'No' to return to setup). To unlock the unit, use the Scroll Wheel and Enter button to enter the Lock Code. The unit will return to normal operation.</p>
		<p>During normal operation, a single page routing scheme (soft-button) is selected by simply scrolling over it before pressing Push-To-Talk. Multiple routing schemes may be selected, using the Scroll Wheel and Enter button. Multiple selections, indicated by check marks, are all applied when Push-To-Talk is pressed, and will be cleared when paging ends. The quantity of selected and available zones is indicated at the bottom of the LCD.</p>
		<p>When the Push-To-Talk button is pressed during normal operation, a Chime screen will appear briefly (if the selected scheme was programmed to include a chime). This is followed by a prompt for the user to begin talking. Also indicated are the quantity of selected and available paging zones, as well as the time remaining before Page Timeout (if a Timeout period has been specified).</p>

Networked Paging Station-1 - System Connections

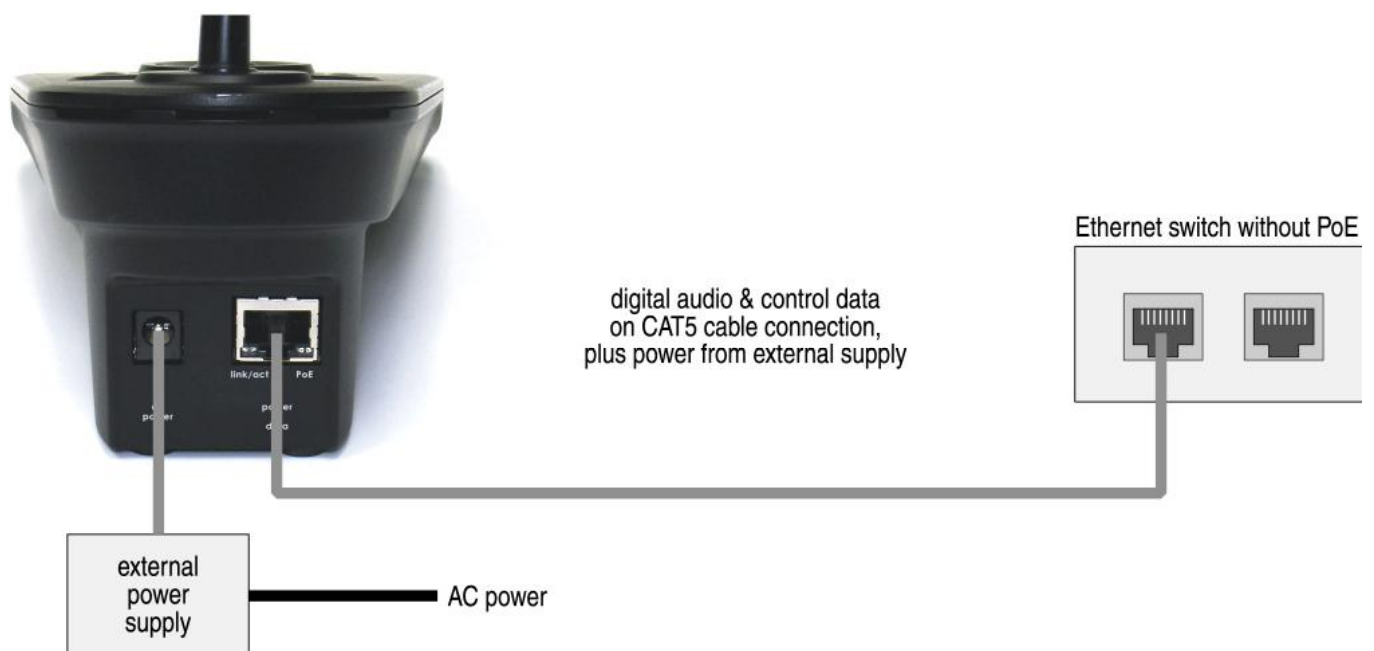
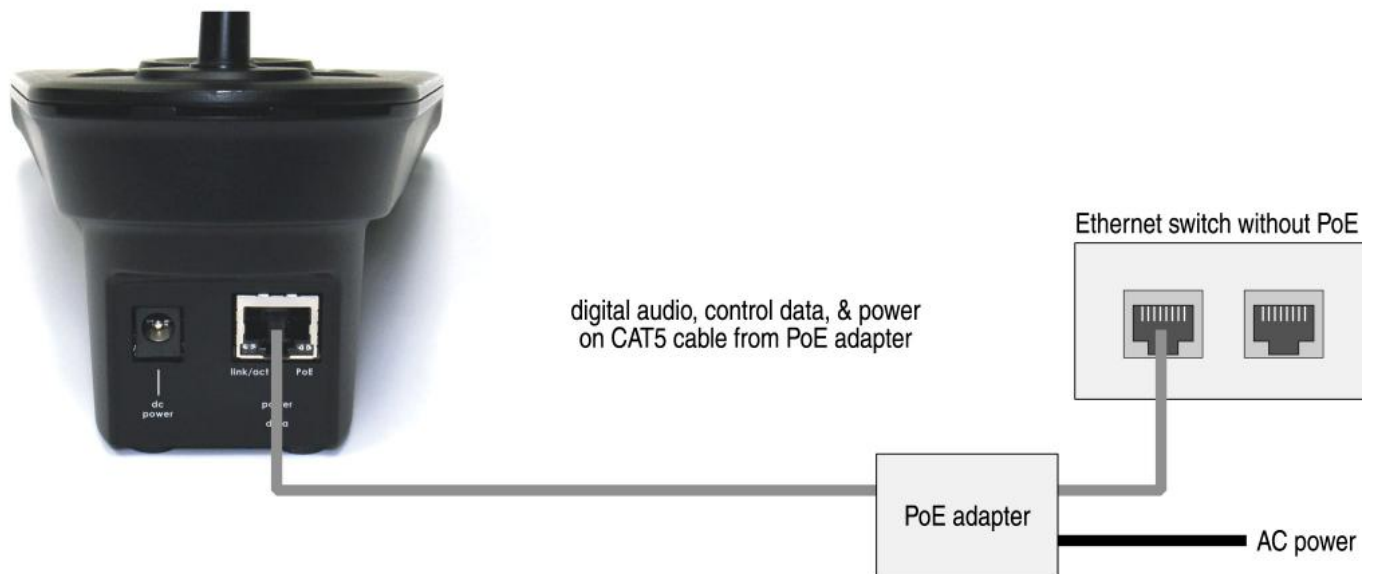


Networked Paging Station-1 units are connected to an AudiaFLEX system via Ethernet switches, forming a dedicated CobraNet® network. Multiple switches may be used to extend the CobraNet network. In systems designs that include multiple AudiaFLEX units, all Networked Paging Station-1 units and all AudiaFLEX units should be connected together on a common CobraNet network.



In the system design, each Networked Paging Station-1 unit is associated by name with a Networked Paging Station block (Station ID). Multiple Networked Paging Station-1 units may be assigned the same name (Station ID), and will assume identical page routing schemes (soft-buttons) as those programmed in the corresponding Networked Paging Station-1 block. However, other settings (such as Net Config, Password, Button Mode, Page Timeout, Mic Gain, and Button Order) may be customized per unit during setup.

Networked Paging Station-1 - System Connections

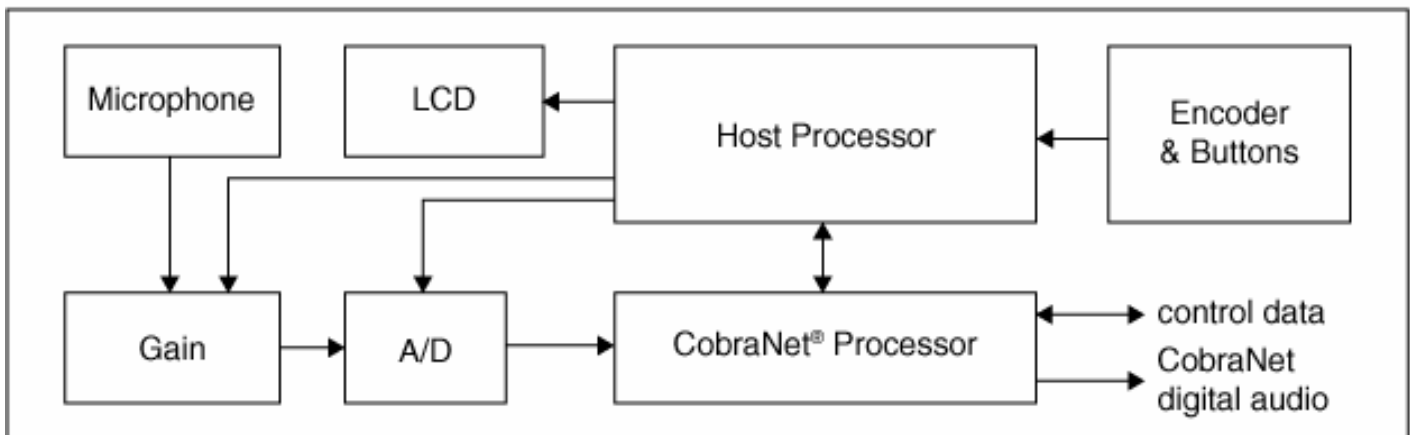


SPECIFICATIONS & BLOCK DIAGRAM

Networked Paging Station-1 SPECIFICATIONS

Frequency Response:	±2dB @ 150Hz ~ 20kHz	Power:	802.3af (PoE) Class 1, 12-24VDC 3W
Gain:	6dB ~ 36dB, selectable in 10dB steps	Base Dimensions (HxWxD):	3.25"x4.5"x7" (83x114x178mm)
Maximum Input:	115dB SPL	Mic Gooseneck Length:	14.5" (368mm)
Mic Type:	electret condenser	Weight:	0.9 lbs. (0.41kg)
Mic Pattern:	cardioid	Compliance:	EU Directive 2002/95/EC, RoHS directive
A/D Converters:	24-bit, 48kHz		CE marked

Networked Paging Station-1 BLOCK DIAGRAM



WARRANTY

BIAMP SYSTEMS IS PLEASED TO EXTEND THE FOLLOWING 5-YEAR LIMITED WARRANTY TO THE ORIGINAL PURCHASER OF THE PROFESSIONAL SOUND EQUIPMENT DESCRIBED IN THIS MANUAL

1. BIAMP Systems warrants to the original purchaser of new products that the product will be free from defects in material and workmanship for a period of 5 YEARS from the date of purchase from an authorized BIAMP Systems dealer, subject to the terms and conditions set forth below.
2. If you notify BIAMP during the warranty period that a BIAMP Systems product fails to comply with the warranty, BIAMP Systems will repair or replace, at BIAMP Systems' option, the nonconforming product. As a condition to receiving the benefits of this warranty, you must provide BIAMP Systems with documentation that establishes that you were the original purchaser of the products. Such evidence may consist of your sales receipt from an authorized BIAMP Systems dealer. Transportation and insurance charges to and from the BIAMP Systems factory for warranty service shall be your responsibility.
3. This warranty will be VOID if the serial number has been removed or defaced; or if the product has been altered, subjected to damage, abuse or rental usage, repaired by any person not authorized by BIAMP Systems to make repairs; or installed in any manner that does not comply with BIAMP Systems' recommendations.
4. Electro-mechanical fans, electrolytic capacitors, and normal wear and tear of items such as paint, knobs, handles, and covers are not covered under this warranty.
5. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. BIAMP SYSTEMS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
6. The remedies set forth herein shall be the purchaser's sole and exclusive remedies with respect to any defective product.
7. No agent, employee, distributor or dealer of Biamp Systems is authorized to modify this warranty or to make additional warranties on behalf of Biamp Systems. statements, representations or warranties made by any dealer do not constitute warranties by Biamp Systems. Biamp Systems shall not be responsible or liable for any statement, representation or warranty made by any dealer or other person.
8. No action for breach of this warranty may be commenced more than one year after the expiration of this warranty.
9. BIAMP SYSTEMS SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS OR LOSS OF USE ARISING OUT OF THE PURCHASE, SALE, OR USE OF THE PRODUCTS, EVEN IF BIAMP SYSTEMS WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Biamp Systems
10074 S.W. Arctic Drive
Beaverton, Oregon 97005
(503) 641-7287



EC Declaration of Conformity

Biamp Systems Corporation, as manufacturer having sole responsibility, hereby declares that our delivered version of the following described product complies with the applicable provisions of the DIRECTIVES except as noted herein. In case of any alterations to the product not agreed upon and directed by Biamp Systems Corporation, this declaration is no longer valid.

Product Models: NPS-1

Product Description: Networked Paging Station

Applicable EC Directives:

LVD Directive (2006/95/EC)

EMC Directive (2004/108/EC)

Applicable Harmonized Standards:

Safety, EN 60065:2001, Seventh Edition

Emissions, EN 55103-1:1996, Environment E2
Immunity, EN 55103-2:1996

Special Considerations for Product Environment or Compliance:

- Power supply must be CE marked Power Over Ethernet (POE) or Supply Apparatus for General Use with Not-Hazardous Live output compliant with applicable EU Directives.
- Shielded cabling must be used for system connections.
- RF interference conducted through interconnecting cabling or connectors may cause varying degrees of random signal degradation. The effect of increased noise or distortion due to this interference is typically masked by the desired signal. In no instance is operation inhibited.

Technical Documentation File Location and Contact:

Biamp Systems, Inc.

10074 S.W. Arctic Drive

Beaverton, OR USA 97005

phone: (503) 641-7287

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Authorized Representative:

Larry Copley, Compliance Engineer

Authorized Signature:

Issued: July, 2007

SAFETY INFORMATION

The words **WARNING** and **CAUTION** throughout the manual, and on the device, call attention to important safety information. These words have the following meanings.

WARNING: The related information alerts you to conditions that could result in serious injury or damage to property if the instructions are not followed properly.

CAUTION: The related information instructs you on how to prevent damage to the equipment or how to avoid conditions that could result in minor injury if proper steps are not followed.

Product labelling and the operation manual may use the internationally recognized symbols defined below to note safety messages.



The lightning flash with arrowhead symbol, enclosed within a triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the apparatus's enclosure or at connection terminals that may be of sufficient magnitude to constitute a risk of electrical shock.



The exclamation point, enclosed within a triangle, is intended to alert the user to important installation, operation, and maintenance (servicing) instructions in the literature accompanying the apparatus.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION: Installation of this apparatus should be made by a qualified installation person and should conform to all applicable local codes.



Modification and optional equipment information referenced in this manual is for use by qualified installation and service personnel only.



"INFORMACIÓN DE SEGURIDAD"

Las palabras **PELIGRO** (**WARNING**) y **PRECAUCIÓN** (**CAUTION**) a lo largo del manual y en el dispositivo (sistema), llaman la atención acerca de una importante información de seguridad. Estas palabras tienen los siguientes significados:

PELIGRO : la información relata las condiciones en que podría ser dañada seriamente la propiedad si no se siguen adecuadamente las instrucciones.

PRECAUCIÓN : la información que se relata te instruye en cómo prevenir daños al equipo o como evitar condiciones que podrían resultar en perjuicio menor si los pasos adecuados no son seguidos correctamente.

El etiquetado del producto y el manual de operación pueden hacer uso de los símbolos reconocidos internacionalmente y cuyos mensajes están definidos a continuación para modificar mensajes de seguridad:



El símbolo del rayo encerrado en un triángulo pretende alertar al usuario de la presencia de un peligroso voltaje no aislado, dentro de la caja del aparato o a un terminal de conexión y que podría ser de suficiente magnitud como para constituir un grave riesgo de descarga eléctrica.



El punto de exclamación dentro de un triángulo pretende alertar al usuario de la importancia de las instrucciones de instalación, operación y mantenimiento (servicio) que acompañan al aparato.

PELIGRO : para reducir el riesgo de fuego o una descarga eléctrica, no exponer este aparato a la lluvia o la humedad.

PRECAUCIÓN : la instalación de este aparato debería hacerse por una persona cualificada en la instalación, y debería conformar todos los códigos locales aplicables.



La modificación y la información opcional del equipo referenciada en este manual es para ser utilizada únicamente por personal cualificado en instalación y servicio.



INFORMATION CONCERNANT VOTRE SECURITE

Les mots **WARNING** et **CAUTION** dans le manuel d'utilisation et sur les appareils attirent votre attention sur les plus importantes informations concernant votre sécurité. Ces mots ont la signification suivante:

WARNING: Ce mot vous indique les circonstances dans lesquelles vous pourriez être blessé ou endommager votre équipement si les instructions ne sont pas suivies correctement.

CAUTION: Ce mot vous indique comment éviter d'endommager votre matériel et comment éviter de vous blesser si vous ne suivez pas les instructions.

Vous trouverez peut-être les symboles suivants sur votre appareil ou dans le manuel d'utilisation.



L'éclair se terminant en flèche dans un triangle permet de prévenir l'utilisateur d'un voltage dangereux non isolé dans l'appareil ou d'une connexion d'une amplitude suffisante pour constituer un risque de choc électrique.



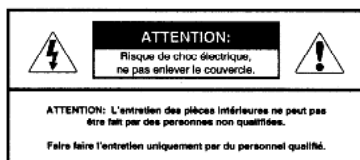
Le point d'exclamation dans un triangle permet de prévenir l'utilisateur des points importants concernant l'installation, le fonctionnement et l'entretien de l'appareil figurant dans le manuel d'utilisation.

WARNING: POUR REDUIRE LES RISQUES DE FEU OU DE CHOC ÉLECTRIQUE, NE PAS METTRE L'APPAREIL SOUS LA PLUIE OU DANS L'HUMIDITE.

CAUTION: L'installation de cet appareil doit être faite par un installateur qualifié et doit être en conformité avec toutes les lois locales en application.



Les informations concernant une modification ou un équipement en option dans le manuel doivent être effectués par du personnel qualifié.



INFORMAZIONI PER LA SICUREZZA

Le parole **AVVERTENZA** (**WARNING**) e **PRUDENZA** (**CAUTION**) poste sul manuale d'uso e sul apparato richiamano la vostra attenzione su delle importanti informazioni per la vostra sicurezza. Queste parole hanno il seguente significato.

AVVERTENZA: La suddetta indicazione vi avvisa sul rischio di incorrere in danni a cose o a (WARNING) persone, se le procedure d'uso e installazione non saranno seguite propriamente.

PRUDENZA: La suddetta indicazione vi instruisce su come prevenire e ridurre al minimo, il rischio di danni agli apparati e alle persone se le istruzioni saranno seguite propriamente. (CAUTION)

Le apparecchiature e i manuali di istruzioni riporteranno la simbologia standard raffigurata qui sotto, accompagnate dalle relative informazioni per la sicurezza.



La simbologia con il fulmine all'interno di un triangolo, intende avvisare l'utente della presenza di alto voltaggio all'interno del apparecchio in questione, e che il suddetto apparecchio si alimenta attraverso una tensione di rete ad alto voltaggio e che dunque si potrebbe incorrere sul rischio di una possibile scossa elettrica.



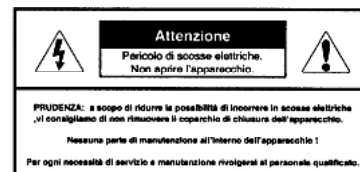
La simbologia con il punto esclamativo all'interno di un triangolo, intende avvisare l'utente di una serie di istruzioni contenute nel manuale d'uso riguardanti: operato, manutenzione e assistenza. Il suddetto manuale sarà a corredo dell'apparecchio.

AVVERTENZA: PER RIDURRE IL RISCHIO DI POSSIBILI INCENDI O SCOSSE ELETTRICHE, SCONSIGLIAMO DI ESPORRE L'APPARECCHIO ALLA PIOGGIA O ALL'UMIDITA'. (WARNING)

PRUDENZA: l'installazione di questo apparato dovrà essere effettuata solo da personale qualificato e il tipo di installazione dovrà essere in regola con le norme vigenti locali.. (CAUTION)



Modifiche e ulteriori informazioni specificate in questo manuale sono solamente riservate al personale qualificato all'installazione.



Sicherheitshinweise

Die Begriffe **WARNUNG** (engl. WARNING) und **ACHTUNG** (engl. CAUTION) in der Bedienungsanleitung und auf den Geräten machen auf wichtige Sicherheitsinformationen aufmerksam. Diese Begriffe haben die folgende Bedeutung:

WARNUNG: Der folgende Text warnt Sie vor ernsthaften Verletzungen oder Beschädigungen, die aus einer fehlerhaften Bedienung bzw. Handhabung des Gerätes resultieren können.

ACHTUNG: Der folgende Text informiert Sie über Bedienungshinweise zum Schutz Ihres Gerätes oder weist auf mögliche Schäden hin, wenn die Bedienungshinweise nicht beachtet werden.

Die Beschriftung der Geräte und die Bedienungsanleitungen weisen unter Umständen international bekannte Symbole auf, die die folgende Bedeutung haben:



Das Blitzsymbol im Dreieck warnt vor anliegender, nicht isolierter „gefährlicher Spannung“ im Inneren oder an den Anschlüssen des Gerätes. Die Berührung der unter Spannung stehenden Teile kann zu einem elektrischen Schock führen.



Das Rufzeichen im Dreieck macht auf wichtige Installations-, Bedienungs- und Servicehinweise in der zugehörigen Bedienungsanleitung aufmerksam.

WARNUNG: Zur Minderung des Risikos von Feuer und elektrischem Schock schützen Sie das Gerät vor Regen und Feuchtigkeit.

ACHTUNG: Die Installation des Gerätes sollte nur durch qualifiziertes Personal durchgeführt werden und muß den jeweiligen Bestimmungen entsprechen.



Die Modifikationen und die Informationen zu den optionalen Erweiterungen in der Bedienungsanleitung sind nur für qualifiziertes Personal bestimmt.

	ACHTUNG Risiko von elektrischem Schock Gerät nicht öffnen	
Achtung: Zur Minderung des Risikos von elektrischem Schock das Gerät nicht öffnen. Keine Bedienungselemente im Inneren des Gerätes. Service nur durch qualifiziertes Personal durchführen lassen.		

Sikkerhedsinformation

Ordene **ADVARSEL** (WARNING) og **FORSIGTIG** (CAUTION), brugt i henholdsvis brugervejledning og på selve produktet, indikerer, at vigtig information omkring sikkerhed følger. Ordene betyder følgende:

ADVARSEL: Den efterfølgende information advarer Dem om forhold, der kan føre til alvorlige ulykker og ejendomsskader, hvis ikke vejledningen følges.

FORSIGTIG: Den efterfølgende information vejleder Dem i, hvordan De undgår skade på produktet, samt undgår forhold der kan føre til mindre ulykker og ejendomsskader, hvis ikke vejledningen følges.

Produktetiketter og brugervejledning kan indeholde de internationalt anerkendte symboler der er vist nedenfor:



Trekanten med et lyn i midten har til hensigt at advare brugeren om, at produktet indeholder "farlig spænding", og at det derfor er forbundet med fare for elektrisk stød at åbne produktet.



Trekanten med udråbstegn har til hensigt at advare brugeren om, at vigtig information omkring installation, brug, service og vedligeholdelse af produktet er indeholdt i den medfølgende brugervejledning.

ADVARSEL: Med henblik på at reducere risikoen for brand eller elektrisk stød, må produktet ikke udsættes for regn eller fugt.

FORSIGTIG: Installation af dette produkt skal foretages af en autoriseret installatør og skal være i overensstemmelse med alle anvendelige lokale retningslinier.



Modifikationer samt alternativt udstyr beskrevet i denne brugervejledning er kun henvendt til kvalificerede installatører og servicepersonale.

	FORSIGTIG Fare for elektrisk stød - må ikke åbnes.	
Forsigtig: Med henblik på at reducere risikoen for elektrisk stød, må svæbet ikke fjernes. Indeholder ingen komponenter relevante for brugeren. Anvend autoriseret servicepersonale ved alle servicetiltag.		

VEILIGHEIDSINFORMATIE

De woorden **WAARSCHUWING** (WARNING) en **VOORZICHTIG** (CAUTION) welke in de handleiding en op het apparaat voorkomen, waarschuwen U voor belangrijke veiligheidsinformatie. Zij hebben de volgende betekenis:

WAARSCHUWING: De betreffende informatie waarschuwt U voor omstandigheden die kunnen leiden tot defecten of beschadigingen aan apparaten als de instructies niet volledig worden opgevolgd.

VOORZICHTIG: De betreffende informatie instrueert U hoe U defecten aan apparatuur kunt voorkomen of hoe U omstandigheden kunt vermijden die kunnen resulteren in schade als de juiste stappen niet worden opgevolgd.

Produkt informatie en handleiding hanteren onderstaande internationaal erkende symbolen om veiligheidsinstructies aan te geven.



De bliksemschicht in een driehoek wordt gebruikt om de gebruiker te attenderen op ongeïsoleerde "gevaarlijke spanning" in het apparaat of bij de aansluitklemmen, die het risico van een elektrische schok kunnen geven.



Het uitroepteken in een driehoek wordt gebruikt om de gebruiker te attenderen op belangrijke installatie, gebruiks- en onderhoudsinstructies in de beschrijving die bij het apparaat hoort.

WAARSCHUWING: OM HET RISICO VAN BRAND OF EEN ELECTRISCHE SCHOK TE VERMIJDEN DIJNT U HET APPARAAT NIET AAN VOCHT BLOOT TE STELLEN.

VOORZICHTIG: Installatie van dit apparaat dient te geschieden door gekwalificeerd personeel en dient te geschieden conform de plaatselijke voorschriften.



Modificaties en aanvullende informatie waar in de handleiding naar wordt verwezen, dient alleen voor gebruik door gekwalificeerd personeel.

	VOORZICHTIG. Risico van elektrische schok. Niet openen.	
Waarschuwing: Om het risico van een elektrische schok te verminderen het apparaat niet openen. Er zijn geen, door gebruiker, vervangbare onderdelen in dit apparaat. Service overlaten aan gekwalificeerd service personeel.		

TURVALLISUUSTIEDOTE

Sanat **VAROITUS** (WARNING) ja **HUOMIO** (CAUTION), jotka esilintyvät manuaalissa ja itse laitteessa, ilmoittavat tärkeästä turvallisuusinformaatiosta. Näillä sanoilla on seuraava merkitys:

VAROITUS: Yhleydessä oleva informaatio varoittaa olosuhteista, jotka saattavat johtaa vakaviin vammoihin tai laitteen vaurioitumiseen, mikäli ohjeita ei täysin noudateta.

HUOMIO: Yhleydessä oleva informaatio neuvoo, miten laitteen vaurioituminen voidaan ehkäistä tai miten voidaan välttää olosuhteita, jotka voivat johtaa lieviin vammoihin, mikäli ohjeita ei noudateta.

Tuotteessa tai käyttöohjeessa voidaan käyttää seuraavia alla määriteltyjä kansainvälisiä symboleja, jotka viittaavat turvallisuusinformaatioon.



Kolmion sisällä olevan ruuillipäinen salama varoittaa käyttäjää laitteen sisällä tai liittännöissä olevasta eristämättömästä vaarallisesta jännitteestä, joka saattaa olla tarpeeksi suuri aiheuttaakseen sähköiskun vaaran.



Kolmion sisällä oleva huutoimerkin tarkoituksena on ilmoittaa käyttäjälle tärkeistä asennusta, käyttöä tai huoltoa koskevista ohjeista laitteen mukana seuraavassa kirjallisuudessa.

VAROITUS: ÄLÄ ALTISTA LAITETTA SATEELLE TAI KOSTEUDELLE TULIPALON JA SÄHKÖISKUN VAARAN VUOKSI.

HUOMIO: Laitteen asentaminen tulisi jättää ammattitaitoisen henkilön suorittavaksi ja asennuksessa tulee noudattaa kaikkia paikallisia säännöksiä.



Tässä manuaalissa oleva informaatio, joka koskee muutostöitä ja lisälaitteita, on tarkoitettu vain ammattitaitoisten asennus- ja huoltohenkilöiden käyttöön.

	HUOMIO Sähköiskun vaara, älä avaa.	
HUOMIO: ÄLÄ AVAA KANTTA SÄHKÖISKUN VAARAN VUOKSI! EI SISÄLLÄ KÄYTTÄJÄN HUOLLETTAVIA OSIA JÄTÄ HUOLTO AMMATTITAITOISELLE HENKILÖKUNNALLE		

SIKKERHETS INFORMASJON

Når ordene **ADVARSEL** (WARNING) og **VIKTIG** (CAUTION) blir brukt i manualen og på produktet, gjelder det informasjon som har med brukerens sikkerhet å gjøre. Ordene har følgende mening:

ADVARSEL: Tilhørende informasjon viser til forhold som kan resultere i alvorlige skader eller ødeleggelser hvis anvisningene ikke følges nøye.

VIKTIG: Tilhørende informasjon forteller deg hvordan du skal unngå feil på utstyret, eller unngå situasjoner som kan resultere i mindre skader.

Produkt merkingen og bruksanvisningen bruker internasjonale symboler for å merke punkter som er viktige for brukerens sikkerhet.



Lynet i en trekant advarer brukeren om ulovlig "fartig spenning" inne i apparatet, eller tilkoblings terminaler som kan gi støt.



Etter utropsteget i en trekant følger informasjon som er viktig når det gjelder installasjon, bruk og vedlikehold (service) av apparatet.

ADVARSEL: FOR Å REDUSERE FAREN FOR BRANN ELLER STØT MÅ APPARATET IKKE UTSETTES FOR VANN ELLER FUKTIGHET.

VIKTIG: Installasjon av apparatet skal foretas av autorisert installatør etter gjeldende forskrifter.



Modifikasjoner og tilleggs informasjon som følger er kun for kvalifiserte installatører eller service personell.

	VIKTIG FARE FOR STØT, MÅ IKKE DEMONTERES.	
<p>VIKTIG: For å unngå faren for støt, må ingen deler fjernes Ingen interne deler skal justeres eller repareres av bruker. Overlat service til autorisert personell.</p>		

SÄKERHETS INFORMATION

Orden **VARNING** (WARNING) och **OBSERVERA** (CAUTION) vilka används i denna manual och på apparaten, är menade att uppmärksamma viktig säkerhets information. Dessa ord har följande betydelse.

VARNING: Information som uppmärksammar på omständigheter som kan resultera i allvarlig personskada eller skada på egendom om instruktionerna ej följs.

OBSERVERA: Information som uppmärksammar på instruktioner om hur skada på utrustning eller hur situationer där lättare personskador kan uppstå undvikas.

Följande internationellt använda ord och symboler används i handboken och på märkningar på produkten för att uppmärksamma användare på viktiga säkerhets instruktioner.



En blix med pil, innesluten i en triangel, menad att uppmärksamma användare på närvaron av isolerade "farliga spänningar" i apparaten eller på anslutnings kontakter vilka har tillräcklig styrka för att medföra risk för elektrisk stöt.



Ett utropstecken, innesluten i en triangel, menad att uppmärksamma användare på viktiga installations, handhavande eller underhålls-instruktioner i medföljande dokumentation.

VARNING: FÖR ATT MINSKA RISKEN FÖR BRAND ELLER ELEKTRISK STÖT, UTSÄTT EJ APPARATEN FÖR FUKT ELLER VÅTSKA.

OBSERVERA: Installation av denna apparat skall utföras av kvalificerad installatör samt enligt alla gällande lokala bestämmelser.



Eventuella modifierings instruktioner och annan information av teknisk art i denna manual är endast avsedd att användas av kvalificerad installation och service personal.

	OBSERVERA RISK FÖR ELEKTRISK STÖT FÄR EJ ÖPPNAS	
<p>OBSERVERA: FÖR ATT MINSKA RISKEN FÖR ELEKTRISK STÖT, AVLÅSNA EJ LOCKET. INGA AV ANVÄNDARE UTBYTBARA ELLER REPARERBARA KOMPONENTER INUTI DENNA APPARAT. ALL SERVICE PÅ DENNA APPARAT SKALL UTFÖRAS AV KVALIFICERAD PERSONAL.</p>		

ΠΛΗΡΟΦΟΡΙΕΣ ΑΣΦΑΛΕΙΑΣ

Οι λέξεις **ΚΙΝΔΥΝΟΣ** (WARNING) και **ΠΡΟΣΟΧΗ** (CAUTION) που αναφέρονται μέσα στο εγχειρίδιο και στη συσκευή, επικεντρώνουν την προσοχή σε σημαντικές πληροφορίες ασφαλείας. Οι λέξεις αυτές έχουν την παρακάτω σημασία.

ΚΙΝΔΥΝΟΣ: Η αναγραφόμενη πληροφορία εσωτά την προσοχή σας σε καταστάσεις που θα μπορούσαν να έχουν σαν αποτέλεσμα σοβαρό τραυματισμό ή καταστροφή της ιδιοκτησίας αν οι οδηγίες δεν ακολουθηθούν κατάλληλα.

ΠΡΟΣΟΧΗ: Η αναγραφόμενη πληροφορία σας καθοδηγεί πώς να προλάβετε καταστροφή του εξοπλισμού ή πώς να αποφύγετε καινοτάτες που θα μπορούσαν να έχουν ως αποτέλεσμα μικροτραυματισμούς αν δεν ακολουθηθούν τα σωστά βήματα.

Στις επιγραφές των προτόπων και στο εγχειρίδιο λειτουργίας, χρησιμοποιούνται τα συμβολικά αναγνωρισμένα σύμβολα, των οποίων ο ορισμός δίνεται παρακάτω έτσι ώστε να υπογραμμιστούν τα μνημόνια ασφαλείας.



Η φωτεινή αναλαμπή με σύμβολο το βέλος, μέσα στο τρίγωνο, έχει σκοπό να επιστήση την προσοχή του χρήστη, στην ύπαρξη μη-μονωμένης « επικίνδυνης ισχύος ρεύματος » στο εσωτερικό της συσκευής ή στις άκρες σύνδεσης οι οποίες μπορεί να έχουν αρκετό μέγεθος ώστε να περιέχουν κίνδυνο ηλεκτροπληξίας.



Το εκζητηματικό σημείο, μέσα στο τρίγωνο, έχει σκοπό να επιστήση την προσοχή του χρήστη στις σημαντικές οδηγίες εγκατάστασης, λειτουργίας και συντήρησης (service) που περιέχονται στα φυλλάδια που συνοδεύουν την συσκευή.

ΚΙΝΔΥΝΟΣ: Για να αποφύγετε τον κίνδυνο φωτιάς ή ηλεκτροπληξίας, μην εκθέτετε αυτή τη συσκευή σε βροχή ή σε υγρασία.

ΠΡΟΣΟΧΗ: Η εγκατάσταση αυτής της συσκευής θα πρέπει να γίνει από εξουσιοδοτημένο άτομο και θα πρέπει να προσαρμόζεται σε όλους τους εφαρμοσμένους τοπικούς κώδικες.



Οι τροποποιήσεις και οι προειδοποιητικές πληροφορίες για τον εξοπλισμό, που αναφέρονται ως αυτό το εγχειρίδιο, προορίζονται για χρήση μόνο από εξειδικευμένα στην εγκατάσταση και στο service, άτομα.

	ΠΡΟΣΟΧΗ ΚΙΝΔΥΝΟΣ ΗΛΕΚΤΡΟΠΛΗΞΙΑΣ. ΜΗΝ ΑΝΟΙΓΕΤΕ.	
<p>ΠΡΟΣΟΧΗ: ΓΙΑ ΝΑ ΜΕΙΩΣΕΤΕ ΤΟΝ ΚΙΝΔΥΝΟ ΗΛΕΚΤΡΟΠΛΗΞΙΑΣ, ΜΗΝ ΜΕΤΑΚΙΝΗΣΕΤΕ ΤΟ ΚΑΛΥΜΜΑ. ΔΕΝ ΠΑΡΕΧΟΝΤΑΙ ΑΝΤΙΛΑΚΤΙΚΑ SERVICE ΣΤΟΝ ΧΡΗΣΤΗ ΓΙΑ SERVICE ΑΝΑΦΕΡΟΜΕΝΟ ΣΤΟ ΕΞΟΔΙΟΔΟΤΗΜΕΝΟ ΠΡΟΣΩΠΙΚΟ SERVICE.</p>		

INFORMAÇÃO SOBRE SEGURANÇA

As palavras **ADVERTÊNCIA** (WARNING) e **PRECAUÇÃO** (CAUTION) neste manual, e no dispositivo, alertam para importantes informações sobre segurança. Estas palavras significam o seguinte:

ADVERTÊNCIA: Informação relacionada que alerta sobre condições que poderão resultar em lesões sérias ou prejuízo, se as instruções não forem seguidas adequadamente.

PRECAUÇÃO: Informação relacionada que instrui como prevenir danos no equipamento ou como evitar condições que poderão resultar em lesões leves, se os passos não forem seguidos adequadamente.

As etiquetas do produto e do manual de operações podem usar os símbolos internacionalmente reconhecidos definidos abaixo para advertir mensagens de segurança.



o símbolo do relâmpago com uma seta, dentro de um triângulo, tem o fim de alertar o usuário a presença de "voltagem perigosa" sem isolamento dentro da caixa isolamento do aparelho ou nos terminais de ligação que podem ter a magnitude suficiente que constitui um risco de choque elétrico.



o ponto de exclamação, dentro de um triângulo, tem o fim de alertar o usuário sobre instruções importantes de instalação, operação e manutenção (serviços) na literatura que acompanha o aparelho.

ADVERTÊNCIA: PARA REDUZIR O RISCO DE INCÊNDIO OU CHOQUE ELÉCTRICO, NÃO EXPONHA ESTE APARELHO A CHUVA OU HUMIDADE.

PRECAUÇÃO: A instalação deste aparelho deve ser feita por um profissional qualificado e deve obedecer a todos os códigos locais aplicáveis.



Modificação e informação sobre equipamento adicional citados neste manual são para o uso exclusivo do pessoal qualificado de instalação e manutenção.

	PRECAUÇÃO RISCO DE CHOQUE ELÉCTRICO NÃO ABRA	
<p>PRECAUÇÃO: PARA REDUZIR O RISCO DE CHOQUE ELÉCTRICO, NÃO REMOVA A TAMPÃO. PARTES INTERNAS NÃO MANTIDAS PELO USUÁRIO. ENCAMINHE A MANUTENÇÃO PARA PESSOAL DE SERVIÇOS QUALIFICADO.</p>		

有害物质表

Biamp 系统 NPS-1 Networked Paging Station

部件名称	有毒有害物质或元素					
	Pb (铅)	Hg (汞)	Cd (镉)	Cr+6 (六价 铬)	PBB	PBDE
NPS-1 设备	X	O	X	O	O	O
手册	O	O	O	O	O	O
包装箱和所有包装材料	O	O	O	O	O	O

O: 表示该部件所有均质材料中的这种有毒有害物质低于 SJ/T11363-2006 的限制要求

X: 表示该部件中至少有一种均质材料所含的这种有毒有害物质高于 SJ/T11363-2006 的限制要求。

除限制销售和使用某些危险物质和制剂的欧盟指令 76/769/EEC 的修正指令-欧盟指令 91/338/EEC 所禁止的用途外, 在电触头和 (或) 镀镉所含的均质材料中, 镉及其化合物的含量或许超过 0.01%。

在以下一种或多种物质所含的均质材料中, 铅及其化合物的含量或许超过 0.1%:

- 1) 电子元件的玻璃内
- 2) 铅作为合金元素的钢材中, 铅含量可高达 0.35%。
- 3) 铅作为合金元素的铝材中, 铅含量可高达 0.4%。
- 4) 铅作为合金元素的铜材中, 铅含量可高达 4%。
- 5) 高熔点类焊料 (即含铅量 85% 以上的铅基焊料) 中。
- 6) 电子陶瓷部件内。
- 7) 由两种以上元素组成、用于连接管脚和微处理器封装、铅含量超过 80% 但低于 85% 的焊料中。
- 8) 兼容性管脚连接器系统中。
- 9) 倒装芯片封装内半导体芯片及载体之间完成可靠电子连接的焊料中。



Under normal use, China Environmentally-Friendly Use Period is 10 years provided:

- Ambient temperature is 0-40C (32-104°F)
- Humidity is 0-95% non-condensing
- Altitude is 0-10,000 feet above sea level
- Airflow is not obstructed
- No water or other fluid enters any part
- External power supply is 12-24VDC or POE compliant with IEEE 802.3af
- Parts are undamaged (damaged parts should be repaired immediately)
- All repairs are done by factory-authorized personnel using approved materials



EU RoHS COMPLIANT

This Biamp product -- including all attendant cables and accessories supplied by Biamp -- meets all requirements of EU Directives 2002/95/EC of January 27, 2003, and 2005/618/EC of August 18, 2005, the EU RoHS Directives. An EU RoHS Materials Content Declaration document may be obtained at <http://www.biamp.com>