SECTION 8
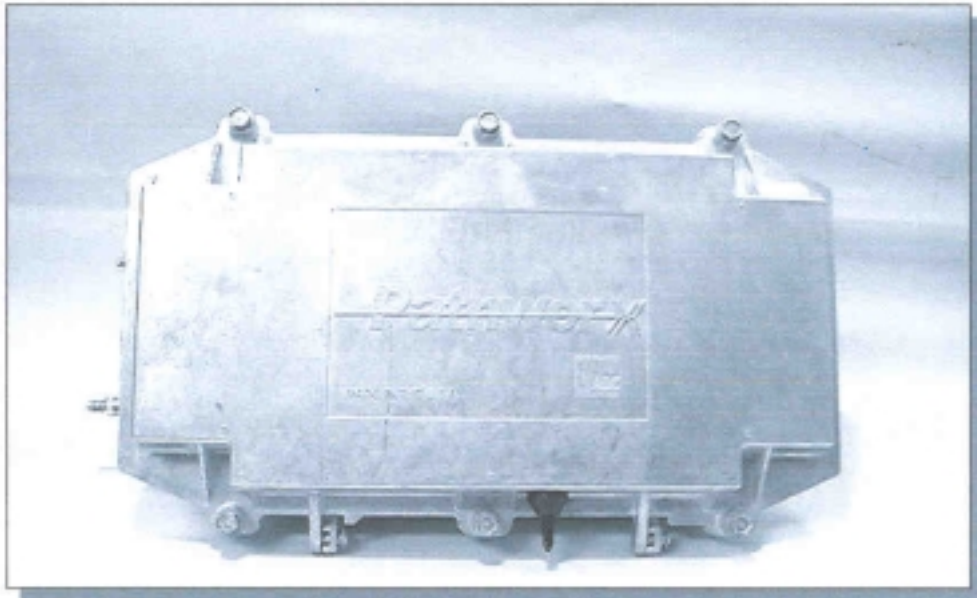
USER'S MANUAL

A Division of ADC Telecommunications Inc.

Section X

LSM Kit Installation Instructions

for Pathworx™ Network Amplifier

ADC Broadband Communications

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Proprietary Data

P.N. Number XXXXXXX

ADC

Table of contents

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1. Purpose

This section of the manual provides installers with the information and step-by-step directions they will need to install the Local Status Monitoring Kit in the Pathworx™ Network Amplifier. Note this installation instruction is for upgraded LSM Kit order. Do not follow these instructions if LSM kit is ordered along with the Pathworx™ Network Amplifier.

Notes, Stop, Cautions, Warnings

Throughout this manual you may observe graphic markers that indicate special instructions, additional information, cautions or warnings. Locate these graphic markers as you read through this manual and follow carefully the instructions that accompany the graphic markers.

☑	🛑	⚠	⚠
Notes Warning	Stop	Caution	

WARNING: Do NOT operate or attempt to install the Local Status Monitor in wet weather. Moisture can cause short-term damage to the circuitry. Because the closed Network Amplifier unit is hermetically sealed, any moisture within the unit at the time of closure will remain in the unit.

WARNING: Avoid the possibility of severe or fatal electrical shock. NEVER install the Local Status Monitor during wet or damp weather or when lightening is visible in or near your installation.

2. Specifications

The Local Status Monitor circuit board measures 4.5" x 3.5" x ½"

Weight of the Pathworx™ Network Amplifier lid unit with the Local Status Monitoring installed is 4.5 lbs.

Pathworx™ Network Amplifier specifications:

- Length – 18.1 inches (46.0cm)
- Width – 10.65 inches (27.1cm)
- Height – 1.625 inches (15.7cm)
- Weight – 25 lbs (11kg)

Operational Perameters

Temperature
- Storage   -40°to +75°C(-40° to + 167°F)
- Operating   -40° to +60°C(-40°to + 140°F)
- Cold Start   -40°C(-40°F)

Humidity
- Storage   0 to 100% relative humidity (if sealed), condensing
- Operating   0 to 100% relative humidity (if sealed), condensing

NOTE: 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 is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
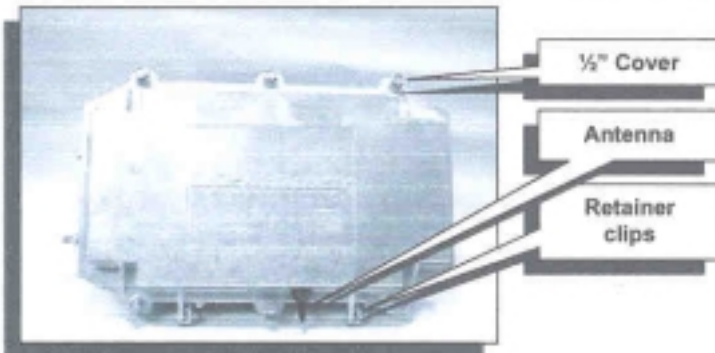
3. LSM Installation

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½" Cover

Antenna

Retainer clips
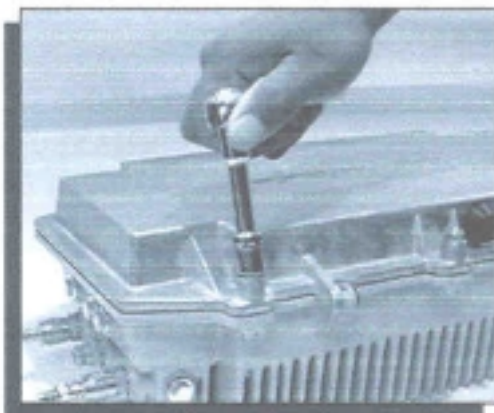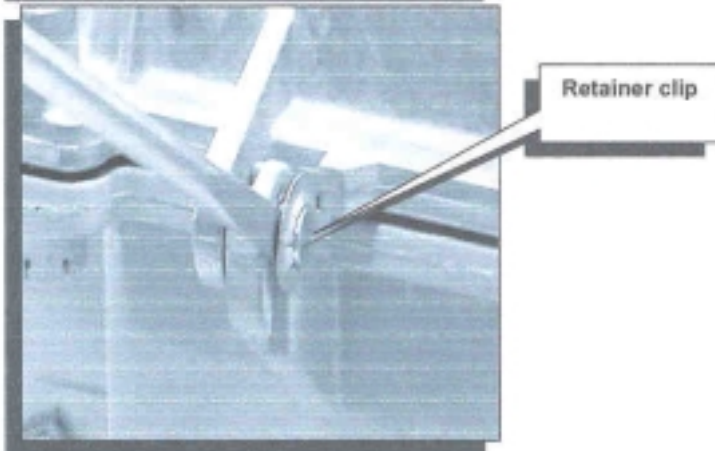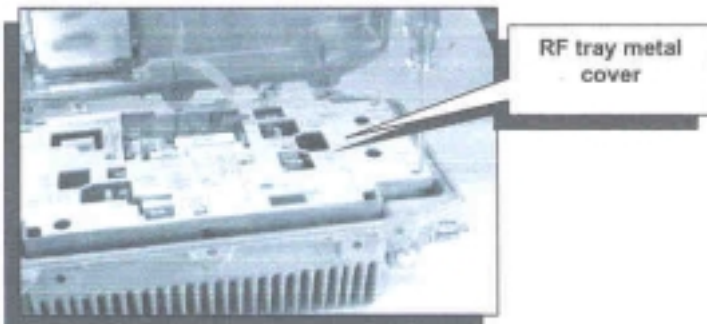
The following steps are needed to be taken to install LSM kit as an upgrade to the existing Network amplifier.

Step 1 – Loosen the 5/16 – 18 bolts holding the housing cover to base to open the housing cover.

Retainer clip

Step 2 – There are retainer clips on two hinge post. Remove the existing retainer clips located on the hinge post using a screw driver or other similar type of tool.
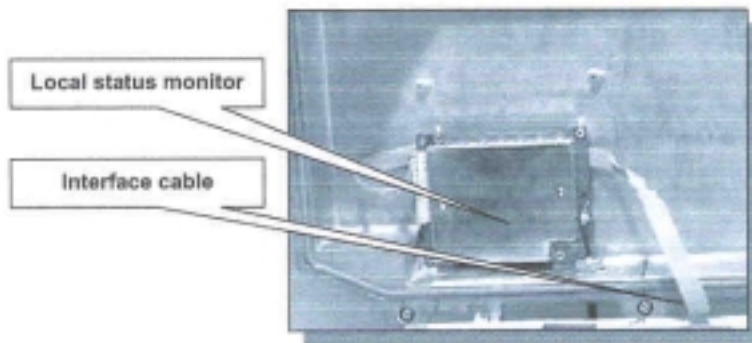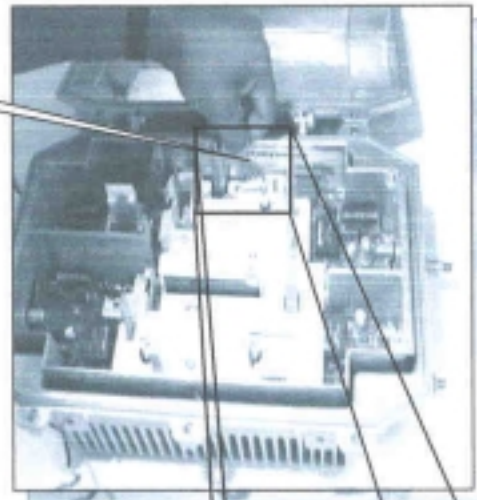
RF tray metal cover

Step 3 – Remove the housing cover.

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Verify components of the LSM kit. There should be a housing cover (coated or uncoated) with closure bolts installed. LSM circuit board should be installed in the cover, along with an antenna and an interface cable. There should also be two replacement retainer clips included in the kit.

Local status monitor

Interface cable

Step 4 – Slide the new housing cover into the hinges where the previous housing cover was removed.

12-pin connector

Step 5 – Install the new retainer rings onto the hinge posts to retain the cover to the housing.

Step 6 – Remove the RF tray metal cover by unscrewing the screws. Plug the interface cable to the 12 pin connector located near the Craft port after removing the cover. Reinstall the cover onto the tray. Make sure the interface cable is fit into the slot of the cover. Tighten the screws to 5 lb. – in.

INSET

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