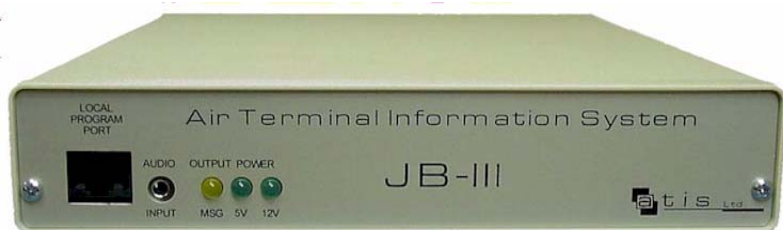


## **AIR TRAFFIC CONTROL ANNOUNCER ATIS MODEL JB-III**



Front



Back

- **Solid state design**
- **Nonvolatile voice storage**
- **Remote recording by dial-up line**
- **Voice prompt operation**
- **Message loss alarm**
- **No service required**
- **Excellent message playback quality**
- **Local or remote installation**
- **Small size**

### **Digital Automatic Announcement System for Air Terminal Information Announcements.**

The ATIS Model JB-III is specifically designed for the air traffic control market. The JB-III Digital Announcement System is able to record and continuously output (play) the **A.T.I.S** broadcast into the transmitter.

The Automated Terminal Information System or A.T.I.S (pronounced AY-tis) is a recorded message that provides pilots with current airfield and weather information. These recordings provide information such as the present winds, altimeter settings, active runways, airfield hazards or any other pertinent airfield information relative to the safety of flight. Each recording is normally updated hourly, however, at times of rapidly changing weather conditions the recording may be updated as often as necessary. A phonetic letter, which changes, identifies each recording with each updated broadcast. A.T.I.S broadcasts are often also simulcast on the local VOR, VOT, or VHF Omni Range test transmitter.

The JB-III allows recording a new A.T.I.S broadcast message without interrupting the actual message being transmitted. After the new message is recorded it can be made active meaning from now on the new A.T.I.S broadcast is transmitted.

In addition the JB-III digital message repeater allows connecting a dialup phone line making the broadcast message accessible by phone. The broadcast message can be recorded locally (front panel) or remotely using a standard phone with dual tone dialing (DTMF).



## TECHNICAL SPECIFICATIONS

### Message Storage

- Non-volatile Flash RAM

### Message Storage Capacity

- 15 minutes divided into two (2) segments of 7.5 minutes each.

### Message Storage Management

- One segment is always used for recording a new message without interrupting the transmission of the actual message (active message).

### Outputs

- One (1) 600-Ohm transformer coupled with 0 db output level
- One (1) phone line interface for dialup access of the message
- Message loss signal (after 10 sec. Of no message, a contact will be closed for activating a standby unit and/or external alarm equipment. OptoMos solid-state contact: max 350V/200mA

### Inputs

- Line level input for message recording from tape
- Local phone RJ11 input for connecting standard DTMF phone
- Remote phone line input

### System Control

- Local: By DTMF commands using a locally connected DTMF phone
- Remote: By dialup and DTMF commands
- System acknowledges command input and executes by voice prompts; Message recording is AGC controlled

### Power Requirements

- 12-15 VDC / 400mA (wall mount power supply included)

### Size

- **Single desktop unit:** 7.25w x 9.5d x 1.5h inches
- **Dual unit:** 19 inch rack mount, 1 U high
- **Single rack mount unit:** 19 inch rack, 1 U high

