

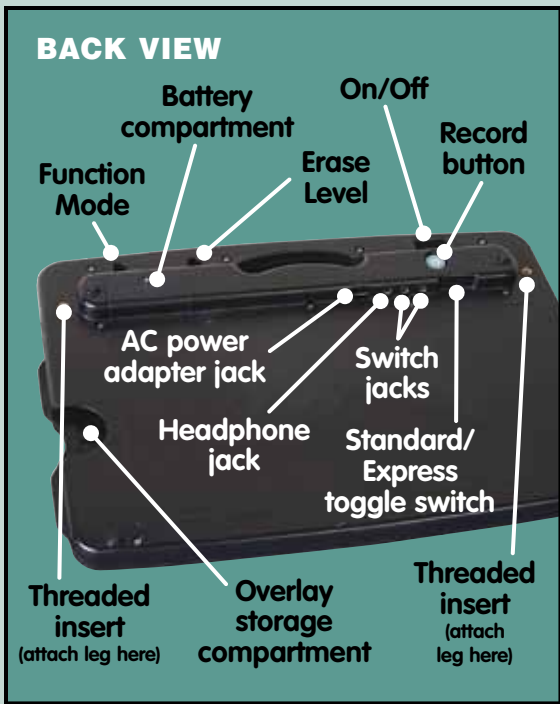
# Attainment Company's *GoTalk<sup>®</sup>* *Express 32* user's guide

Play multiple messages in sequence!

Recording time:  
9 seconds per message



Overlay insert



Message key LEDs

Message keys

Weight: 2 lb. 4 oz. (1.0 kg)  
Size: 14.25" x 10" x 1.75" (36.2 cm x 25.4 cm x 4.5 cm)

# introduction

The **GoTalk Express 32** is a voice output communication device with multiple messages and levels. You decide the statement, word, or sound to be recorded on each message key, and the image or word to be used to indicate each recorded message. You then record each message key. Many features are built into the Express 32.

**Note:** It's important to know if the device is in Standard or Express operation. (Factory setting is **Standard operation.**)

## Features at a Glance

- **Two operations: Standard** (play one message at a time) and **Express** (link multiple messages to play as one expression)
- **Five recording levels**
- **Scanning access**
- **Visual Cues** – four LEDs surround each message key
- **Auditory Cues** – 1.5 second recording time for each message
- **Record Lock**
- **Level Lock**
- **Quick level erase** – clears all recordings by level
- **Overlay storage compartment**
- **Adjustable volume**
- **Two ways to use headphones**
- **3 AA batteries included**
- **Legs** – included for tabletop use
- **One year warranty**



## Scan Features at a Glance

- **Automatic Scanning** – use one or two switches.
- **Step Scanning** – use two switches.
- **Visual Cues** – four LEDs surround each message key.
- **Auditory Cues** – record 1.5 second cue for each message.
- **Beep Cue** – beep indicates every movement in the scan pattern.
- **Reduce number of messages** – scan 4, 8, 16 message keys.
- **Level selection** – include level selection in scanning pattern.
- **Scan Speed** – choose fast, medium, or slow.
- **Many pattern adjustments** – including by rows, columns, quadrants.

See page 7 for details.

## Express and Standard Operation

The GoTalk Express 32 has two very different operation styles: Standard and Express. In Standard operation, messages play as keys are pressed. In Express operation, up to 8 messages are stored as you press the keys. The messages are played in sequence by pressing the Play ► button. A vivid green LED (above the Plus + button) lights when any button is pressed in Express operation. **Choose between the two operations by using the Standard/Express toggle switch on the back of the device.**

## Volume

Volume up and volume down buttons are located on the front upper right corner of the GoTalk Express 32. A beep will sound when adjusting the volume up or down. The beep will not sound when the volume has reached the maximum or minimum setting.

## Levels

The Express 32 has five levels; each level stores its own set of 32 messages. The level change button is to the right of the five numbered green LEDs. To change levels, press and release the green level button. A green LED indicating the current level will light. Press and release the button again to move to the next level.

The **Level Lock** feature prevents unwanted changing of the levels. To lock the device onto a specific level, turn on the Level Lock in Function Mode. See page 6 for details.

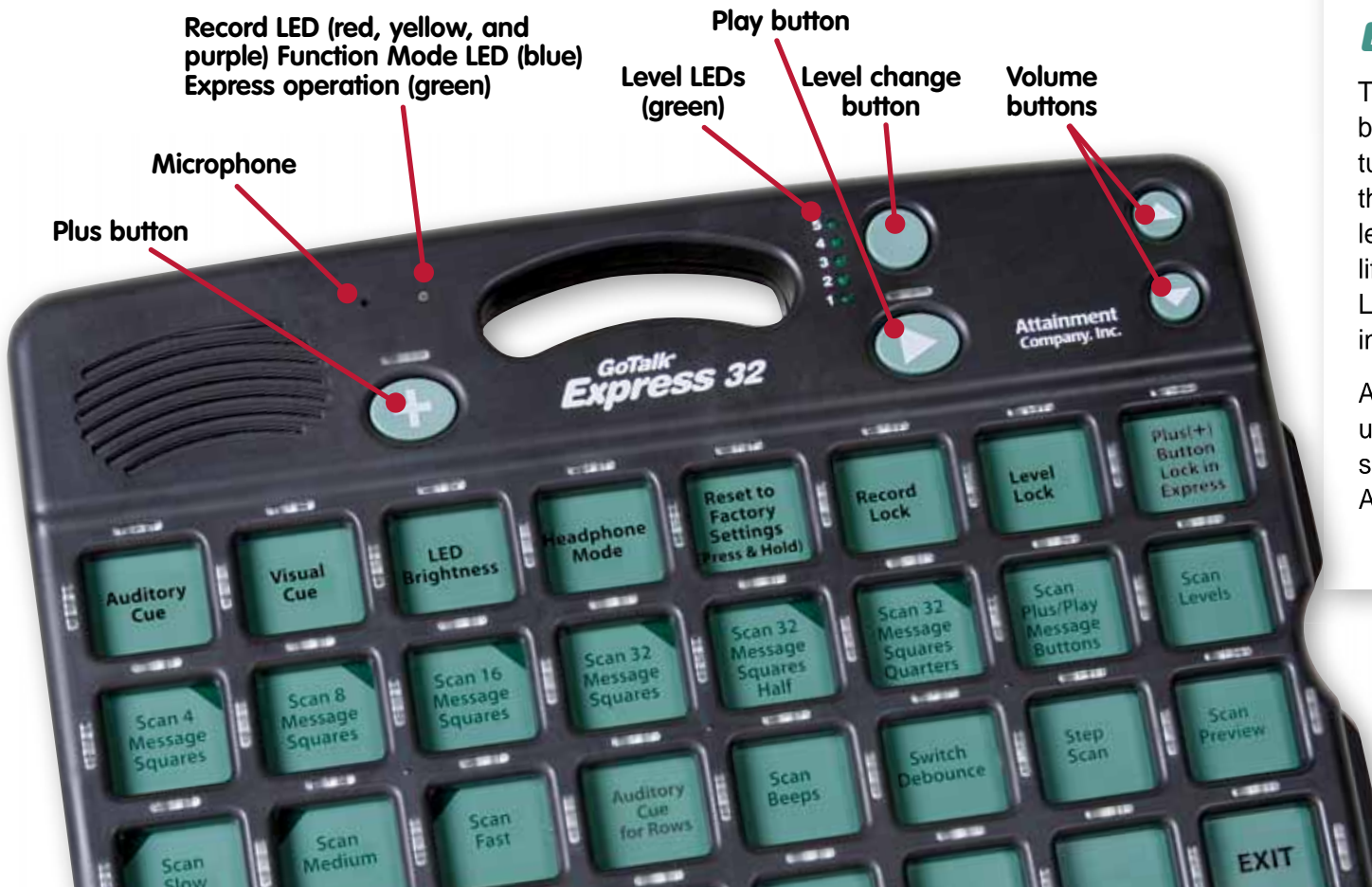
## Headphone Use

When headphones are plugged in, Auditory Cues and scan beeps play through them. A setting in Function Mode makes all sound play only through headphones. Use stereo headphones; mono headphones may distort the sound. (To test, plug in the headphones and listen to a message at different volumes.)

## Batteries and AC Power

The Express 32 includes three AA batteries. To view current battery life: turn on the unit (it will cycle through all the LEDs), the device will beep, and the level LEDs will fill in, indicating the battery life. Full power is indicated by all five level LEDs being lit. Once the battery life is indicated, the current level LED flashes.

An AC adapter plug on the back of the unit provides another option for a power source. (Adapter is available through Attainment Company.)





Record button

The **Record**  button is located on the back of the **Express 32**.

The **microphone** is located on the front of the device above the Plus **+** button.

For **best recording quality**, hold the device about 10" from your mouth.



Each **message key** has a maximum of 9 seconds of recording time.

# recording






On/Off switch



## Steps to Record Messages



- 1 To start, turn on the Express 32. It will beep and cycle once through every LED.
- 2 Press and release the Record  button. The red record LED and green level LED will turn on; the device is ready to record messages.
- 3 While the two LEDs are lit, press and release the message key to be recorded, speak clearly, and then press any button to end recording the message.
- 4 The red LED flashes when recording and is solid when ready to record additional messages. Repeat the step 3 to continue recording messages.
- 5 To listen to your last recorded message without leaving Record mode (red LED is solid), press and release the Volume up or Volume down button.
- 6 To end Record mode, press and release the Record  button. Both LEDs turn off with factory settings.

Factory settings are: **Standard Operation** and **Auditory Cues Off**.

**Important:** When you press the Record  button to exit Record mode, the LEDs will not instantly turn off if the Auditory Cue is on. Pressing the Record  button with Auditory Cue turned on changes the red LED to yellow. The yellow LED indicates device is ready to record message cues. When the option to use auditory cues for row identification during scanning is turned on, another press to the Record  button changes the yellow LED to purple. The purple LED indicates device is ready to record Auditory Cue for Rows.

## Play and Plus **+** Buttons




**In Standard operation**, the Play  and Plus **+** buttons can hold 9 seconds of recording time. These buttons are independent from levels; that is, the same recording will play regardless of what level you are on. These messages are intended for core vocabulary or phrases commonly used across environments. To record the Play  and Plus **+** buttons, follow the Record Message and Record Auditory Cues directions.

**In Express operation**, the Play  button plays selected messages rather than the core messages available in Standard operation. Select multiple message keys (up to 8 keys) in the order to be played. Then press the Play  button to play the sequence of messages. To save a sequence (one per level), select multiple message keys in the order to be played. Then press and hold the Plus **+** button until all the red LEDs turn off. To play back the saved sequence, press the Plus **+** button. Selected sequence can be locked; see page 5.







## Record Auditory Cues

**Auditory Cue** is a short (1.5 second maximum) recording that indicates what the full message says. Each individual message key can have an auditory cue recorded for the message. The **Auditory Cue** setting must be turned on in **Function Mode** (see page 6 for details). When turned on and recorded, the first press of the message key will play the auditory cue and the second press will play the complete message.


- 1 Press and release the Record  button. The red message record LED and a green level LED will turn on.
- 2 Press and release the Record  button again. The red LED will turn yellow with a green tint. The device is now ready to record cues.
- 3 Press and release the message key and speak clearly to record. Wait for the record time to expire (yellow LED flashes while recording), or press any button to end recording.
- 4 To leave record mode, press and release the Record  button again (LEDs will turn off).

**Auditory Cue for Rows** only applies when using scanning. As the scanning cycle moves from row to row, each row can have a short (1.5 second maximum) recorded message play to indicate what row is currently lit. (Great for individuals with visual impairments.) To record row cues, turn on the **Auditory Cue** setting in the **Function Mode** (see page 6).


- 1 Press and release the Record  button. The red message record LED and a green level LED will turn on.
- 2 Press and release the Record  button again. The red LED will turn yellow with a tint of green.
- 3 Press and release the Record  button again. The yellow LED will turn purple. The device is now ready to record row cues.
- 4 Press and release the first message key in the row and speak clearly to record. Wait for the record time to expire (purple LED flashes while recording), or press any button to end recording.
- 5 To leave record mode, press and release the Record  button again (LEDs will turn off).

## Erase Recordings


**To erase individual message keys**, replace the message with another recording.

- Turn on Record mode. (Press and release the Record  button on the back – red LED will light.)
- Press and release the message key to start recording. Then quickly press any key to stop recording (tap the message key).



**To erase individual auditory cues**, the Auditory Cues setting must be turned on (details on page 6).

- Turn on Record mode. (Press and release the Record  button on the back – red LED will light.)
- Press and release the Record button again – yellow LED will light.
- Press and release the message key to start recording. Then quickly press any key to stop recording (tap the message key).

**To erase all recordings on a level**, select the level to be erased (Level change button).

- Turn on Record mode. (Press and release the Record  button – red LED will light.)
- Press a pen point or paperclip into the Erase Level pinhole on the back of the Express 32. The red Record LED will stay lit and the green Level LED will flash once. All messages and auditory cues will be cleared.

**To erase individual auditory row cues**, turn on the Auditory Cue for Rows setting (see page 6).

- Turn on Record mode.
- Press and release the Record  button until the LED (above the  button) turns purple.
- Press and release the first message key in the row to start recording. Then quickly press any key to stop recording (tap any message key).

# function mode



Locate operational settings on the top row of keys.

**Function Mode** lets you access the many settings that personalize the **Express 32**. These various settings are printed on the green membrane that shows under the message keyguard grid. The top row lists settings (printed in black) that effect the overall operation of the Express 32. The bottom three rows are specific to scanning. (See page 7 for scanning details).

Turn on Function Mode by pressing a pen point or paperclip into the Function Mode pinhole on the back upper left of the device, or simultaneously press and hold message keys 8 and 32 (far right column, top and bottom keys).



A blue LED indicates Function Mode is on. Press any labeled message key to select that setting. Red LEDs around the key will light when the setting is activated. Press the Exit key (bottom right on green membrane) to exit Function Mode.

## Operational Settings

**Auditory Cue:** Is a recorded cue for the full message. Press the message key once to hear the cue; press the key a second time to play the full message. Turned On, this function automatically turns on Visual Cue. Each cue has 1.5 seconds of record time. Messages that do not have a cue recorded will play the full message the first time the message key is pressed. During the Auditory Cue, the LEDs will be slightly dimmed compared to the brighter message LEDs. To record or erase auditory cues, see page 5.

**Visual Cue:** Lights the four LEDs that surround each message key when pressed. Visual Cue function automatically turns on when Auditory Cue is On, Scanning is selected, and the device is in Express Operation.

**LED Brightness:** Has two settings for the brightness of the message LEDs. Turned On, the LEDs are at their brightest.

**Headphone Mode:** When Headphone Mode is turned On, recorded Auditory Cues, scan beeps, and messages play only through headphones. When Headphone Mode is turned Off, recorded Auditory Cues and scan beeps play through headphones, and messages play through the speaker. Use stereo headphones; mono headphones may distort the sound. (To test, plug in the headphones and listen to a message at different volumes.)

**Reset to Factory Settings:** Press and hold this key until you hear a beep. Factory Settings are: Visual Cue and LED Brightness. Scanning settings are: Scan 32 Message Squares, Scan Fast, Scan Rows, and Scan One by One.

**Record Lock:** Disables recording. To ensure messages are not erased accidentally or rerecorded, turn Record Lock On. To enable recording ability, turn Record Lock Off.

**Level Lock:** Disables adjusting Levels. To ensure levels are not accidentally or purposefully changed, first set Express 32 to the level that will be played, then turn Level Lock On. To enable level movement, turn Level Lock Off.

**Plus + Button Message Lock:** In Express Operation only, the Plus + button can store an expression (multiple messages that play in sequence). One expression per level can be saved. When Plus + Button Message Lock is turned On, all levels will be prevented from saving a new expression (even those without a saved expression).



Find scanning options on the lower 3 rows of keys.

## Scanning Features

**Scan 4 Message Squares:** Scan pattern includes only 4 message keys. Scanning begins with message key 1. Scan One by One is automatically used.

**Scan 8 Message Squares:** Scan pattern includes only 8 message keys. Scanning begins with message key 1.

**Scan 16 Message Squares:** Scan pattern includes only 16 message keys. Scanning begins with message key 1.

**Scan 32 Message Squares:** Scan pattern includes all 32 message keys and begins with message key 1.

**Scan 32 Message Squares Half:** Scan pattern includes all 32 message keys and begins with choice of left or right half of key grid.

**Scan 32 Message Squares Quarters:** Scan pattern includes all 32 message keys and begins with key grid divided into 4 sections.

**Scan Plus + / Play ► Message Buttons:** Includes the Plus + and Play ► buttons in the scan pattern.

**Scan Levels:** Includes the level selection in the scan pattern.

**Scan Slow:** Uses the slowest rate of movement for scanning.

**Tip:** Turning on Auditory Cues will add 1.5 seconds to the dwell time, even when no cues are recorded.

**Scan Medium:** Uses the middle rate of movement speed in scanning.

**Tip:** Turning on Auditory Cues will add 1.5 seconds to the dwell time, even when no cues are recorded.

**Scan Fast:** Uses the fastest rate of movement for scanning.

**Tip:** Turning on Auditory Cues will add 1.5 seconds to the dwell time, even when no cues are recorded.

**Scanning** is an alternative to Direct Select (pressing a message key to activate the message). Choose from three scanning techniques:

**a. Single switch scanning:** Automatic movement and message selection is made with one switch (plugged into S1 or S2).

**b. Two switch scanning:** Automatic movement is started with one switch (S2), and message selection is made with second switch (S1).

**c. Step scanning:** Nonautomatic movement is made with one switch (S2), and message selection is made with second switch (S1).

Switch jacks are found on the back of the device next to the Headphone jack.

**Auditory Cue for Rows:** Is a recorded cue for each row. When the scan pattern cycles through the rows, the auditory cue will play. This setting automatically turns on Auditory Cue and Scan Rows settings. Each cue has 1.5 seconds of record time. To record or erase, see page 5.

**Scan Beeps:** A beep will play with each movement in the scan pattern.

**Switch Debounce:** There will be no response to a second switch hit when double tapped; there must be more than a half second between switch activations.

**Step Scan:** Two switches are needed, and the user controls the speed of movement. The switch plugged into S2 moves the key indicator, and the switch plugged into S1 selects the key.

**Scan Preview:** Only accessible in Function Mode. Shows a complete cycle or the portion of the cycle in the scan pattern most unique to the features turned on.

**Scan Rows:** Scan movement will be left to right – horizontal. Without Scan One by One turned on, the whole row will be a selection in the scan pattern.

**Scan Columns:** Scan movement will be top to bottom – vertical. Without Scan One by One turned on, the whole column will be a selection in the scan pattern.

**Scan One by One:** Every scan movement will be individual message keys. This eliminates selection by row or column.

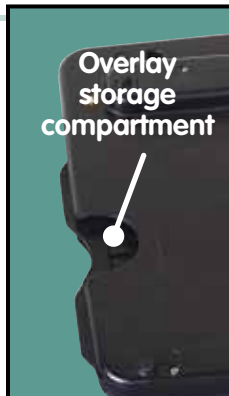
**Scan Skip:** Once the scan pattern reaches the individual button stage, movement will skip every other key.

**Exit:** Leaves Function Mode.

# overlays

## overlay storage compartment

Store overlays not in use in the **overlay storage compartment** on the back of the device. This compartment has space for at least one overlay for each level, making it easier to change overlays when you change environments or conversational topics.



## create overlays

Create **overlays** to match recorded messages. There are several ways to make overlays for your **GoTalk Express 32**:

- Write words or draw images on a blank overlay template (included).
- Paste pictures or symbol cues onto a blank overlay template.
- Use GoTalk Overlay Software (see right).

Transparent plastic sleeves are provided to protect your overlays. Insert your overlay into the **Express 32** through the slot on the right edge.



## Go Talk Express 32 accessories



## GoTalk™ Overlay Software

Creating overlays is easy with GoTalk Overlay Software! Includes over 4500 Imagine Symbols and photos. You can also use an integrated online image search feature or use your own digital photos and images in any overlay. Overlay cells contain multiple images and text boxes. Editing features let you change color, size, and font of text; move, enlarge, rotate, and crop pictures; and export files in PDF, JPG, or PNG formats so it's easy to email overlays to others. Includes dozens of ready-made templates for all of Attainment's AAC products.



available at [www.MindResources.com](http://www.MindResources.com)