Social Distancing Reminder ST-100AR User's Guide

The ST-100AR is an audio player that automatically plays a list of reminder messages, one message at a time, with a selectable delay in between.

PACKAGE CONTENTS
1 x Audio Player
1 x MicroSD card with SD card adapter
1 x 5V DC Adaptor
1 x Mounting Bracket & Screws
4 x Rubber Feet
* Batteries (4 AA cells) are not included

TECHNICAL SPECIFICATIONS
Supported Sound File Format:
   - Windows WAV, 8-bit mono uncompressed PCM
   - 8, 11.025, 16 or 22.05 KHz sample rate
Message Storage: MicroSD, MicroSDHC (up to 32GB)
Power Supply: 5V regulated or four AA cells
Standby Current: 50uA
Operating Current: 50~150mA (speaker volume dependent)
Speaker Power: 0.25W max.
Physical Dimensions: 8" x 6" x 2"

PLAYLISTS
Four playlists (A~D) are provided for user selection:

A = English, short version
B = English, long version
C = English + Spanish, short version
D = English + Spanish, long version

Each playlist contains two sound files of the same contents, one in female voice and the other in male voice, to be played alternately. For example, one activation plays the female voice and the next activation plays the male voice.

For playlists of multiple languages, the English version plays first and the Spanish version follows immediately. For example, for playlist C, one activation plays English female followed by Spanish female, the next activation plays English male followed by Spanish male.

PLAYER CONFIGURATION
Remove the battery cover and configure the player with the four small switches inside.

SW1: Message Delay
OFF = 2 minutes
ON = 5 minutes

SW2: Push Button Enable
OFF = push button has no function (more tamper proof)
ON = push button turns audio on/off (battery saver)

SW3 + SW4: Playlist Selection
OFF + OFF = A (English, short version)
ON + OFF = B (English, long version)
OFF + ON = C (English + Spanish, short version)
ON + ON = D (English + Spanish, long version)

OPERATION PROCEDURES
1. Program sound files onto the MicroSD card.
2. Insert the card into the player WITH THE BATTERIES REMOVED AND THE AC ADAPTOR UNPLUGGED.
3. Configure the player with the switches.
4. Supply power to the player.
5. If push button is enabled, make sure it's in the down position.
6. Message playback should start automatically.
7. Adjust the speaker volume (the black knob) to desired level.
8. After the playback is over, the player waits the message delay time (set by the SW1 switch) before playing the next message. When the end of the playlist is reached, it restarts from the first file.
9. If the push button is enabled, press and pop it up when the store is closed to turn off the unit and save battery life.

BATTERY LIFE
Battery life is affected by the following factors:
- Message delay (longer delay = longer battery life)
- Battery type (NiCad not recommended)
- Speaker volume (louder sound = shorter battery life)
- Ambient temperature (extreme cold = shorter battery life)

MOUNTING OPTIONS

Front Mounting (Bracket on the Back)
With this option the unit is tamper proof as the back cover cannot be removed without dismounting the unit, but it's also harder to adjust speaker volume or change batteries. Place the four rubber feet on the back (one at each corner) so that the unit sits tight against the surface for a secure installation.
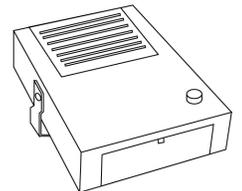
Back Mounting (Bracket on the Front)
With this option the unit is easier to service as the back cover can be easily removed without dismounting the unit, but it's also not tamper proof if the back side is exposed. Place the four rubber feet on the front (one at each corner) so that the unit sits tight against the surface for a secure installation. Holes are needed for the speaker and the push button.
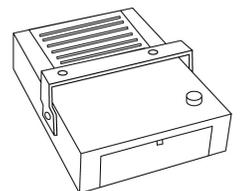
WHAT IF THERE'S NO AUDIO
- Make sure the push button, if enabled, is in the down position.
- Turn up the speaker volume.