

● Introduction

Thank you for purchasing the EX-12 Digital MP3 Audio Player. The EX-12 is an easy to use, reliable audio source, for all Promotion-On-Hold applications. The Flash Drive **MUST** be inserted into the EX-12 in order to play. The unit is shipped with a generic hold message stored on the Flash Drive named "**Generic.mp3**". The EX-12 will automatically start playing the MP3 file when it is connected to power. When it gets to the end, it will immediately re-play the file. It repeats this over and over again to supply constant audio. If you should loose power, the EX-12 will automatically re-start, from the beginning when power is re-stored. The EX-12 plays the audio directly from the USB Flash drive, so there is no initial LOAD sequence on power up. The unit has a built in 200 milliwatt audio power amplifier so it has plenty of power for all telecommunication applications. The RCA output has been design to work with both 8 ohm and 600 ohm inputs.

● Adjusting the Output Volume

The EX-12 has a 64 step, user adjustable volume control. To change the **VOLUME**, momentarily depress either the UP or DOWN buttons. Each depression is one step. The preset volume is maintained even through power outages. If a stereo MP3 file is used, audio is taken from the LEFT channel on the file. The EX-12 also comes with an internal TEST speaker so that you can easily test to see if your EX-12 is playing properly. The maximum audio playback length for an individual MP3 file is 1 hour.

● Updating the Audio Program

The EX-12 will only play MP3 type files. Once the new MP3 file is on your computer, the Flash Drive must be removed from the EX-12 then inserted into a USB port on a computer. The first step is to Format the FLASH drive. This will erase the old MP3 file. Next copy the new MP3 to the Flash Drive. Make sure that you EJECT the Flash Drive before removing it from the computer. Re-insert the Flash drive into the EX-12.

● Using the Speaker

To test for proper operation, press and hold down the TEST button. You will hear the audio that is being played. The speaker is connected directly to the output, so if you hear audio through the speaker, it's coming out the output. The speaker is for monitoring purposes **ONLY** and is not an indication of audio quality.

● MP3 Audio Files

The EX-12 has no record capabilities at all. You must create new audio programs on a computer, then convert them to an MP3 format before you copy them onto the EX-12 USB Flash Drive. MP3 is a compression technique that reduces the amount of memory needed to store an audio program. MP3 basically reduces the size of a standard WAV file to approximately 1/10 of the original, uncompressed size. This allows the files to be emailed as attachments if needed. The EX-12 supports ALL MP3 formats. We recommend that all audio files be generated in a WAV format first, then converted to MP3 at a 44,100 Hertz sampling rate, at 128KBPS. The files can always be identified by the ".mp3" extension in the name. To create an MP3 file you must have a computer software package that has the ability to convert a WAV file into a MP3 file.

● Serial Port

The Serial Port on the EX-12 is NOT supported at this time.



"Telecommunication Products to solve Telecommunication Problems"

- **Replacement USB Flash Drive**

Any standard USB Flash Drive can be used with the EX-12. Both type USB1.1 and USB2.0 drives will work. We recommend a size from 64MB to 1GB. Replacement Flash drives are readily available, even from Wal-Mart.

- **Tech Support - 916-786-6186**

If you have any problems getting the unit to work properly feel free to give us a call. Technical Support is available between the hours of 7:30 AM and 4:30 PM Pacific Time, Monday through Friday, excluding holidays.

- **1 YEAR LIMITED WARRANTY**

This SKUTCH PRODUCT is warranted against defects for a period of one (1) year from the date of the original invoice. The USB Flash Drive is not manufactured by us and is warranted against defects for a period of 90 days from the date of original invoice. Within this period, we will repair the unit without charge for parts and labor. To obtain warranty service the product must be returned, at the customer's expense, to SKUTCH Electronics along with a copy of the original invoice. After the unit has been repaired, SKUTCH will ship the PRODUCT back via UPS GROUND service at our expense, ONLY if located within the Continental United States. If any other form of return shipment is requested, the customer will pay for 100% of the shipping cost.

This Warranty does not apply if in the sole opinion of SKUTCH Electronics, the PRODUCT has been damaged by lightning or any other Acts of God, or by accident, misuse, neglect, or improper packing, shipping, modification or servicing by other than an authorized SKUTCH Service Center.

EXCEPT AS SPECIFICALLY PROVIDED IN THIS AGREEMENT, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND IN NO EVENT SHALL SKUTCH ELECTRONICS BE LIABLE FOR LOSS OF PROFITS OR BENEFITS, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER SIMILAR DAMAGES ARISING OUT OF ANY BREACH OF THIS WARRANTY OR OTHERWISE.



EX-12

Digital MP3 Audio Player

for Promotion-On-Hold Applications

V3.00