

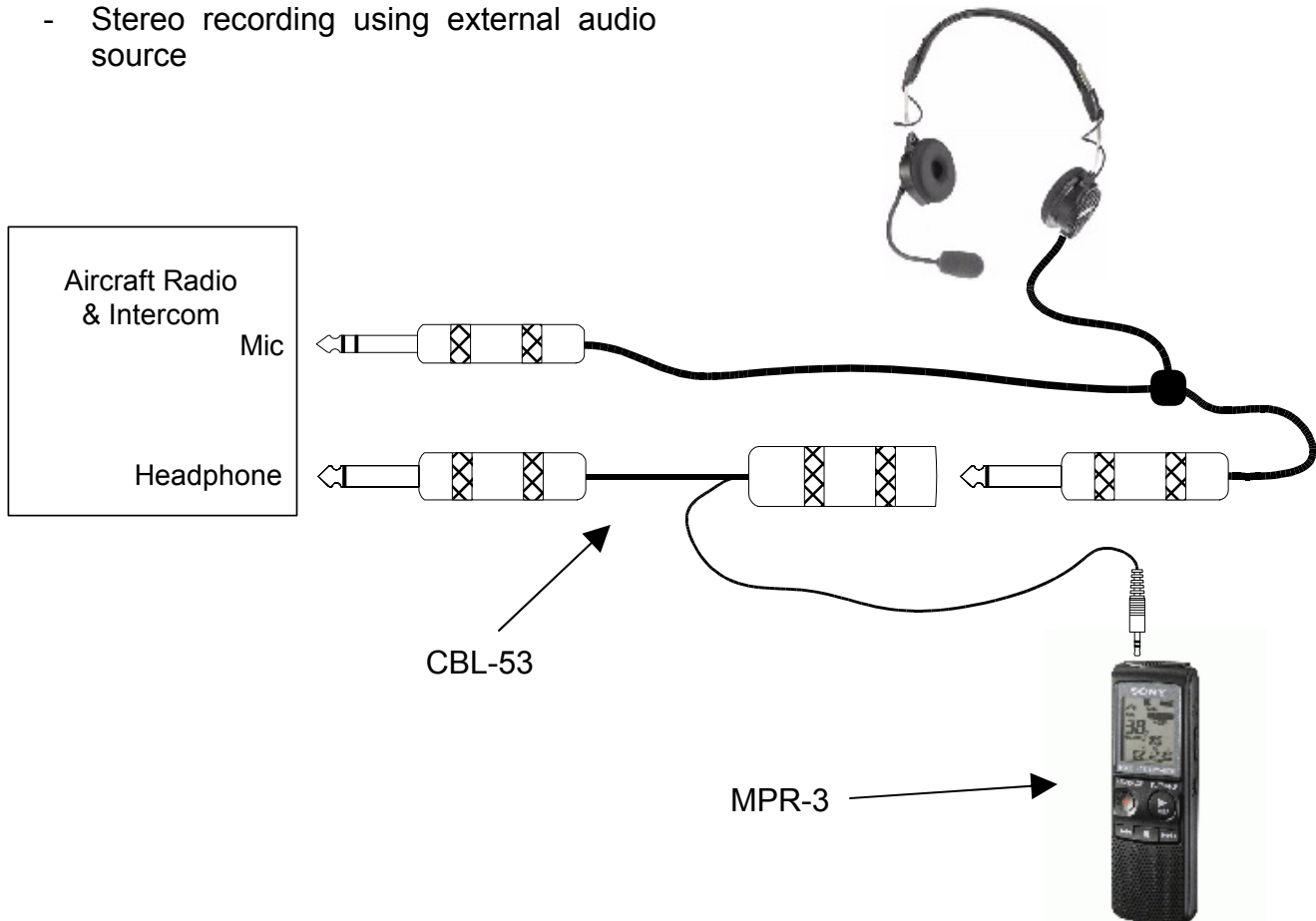
11636 GOLDRING RD • ARCADIA, CALIFORNIA 91006-5815  
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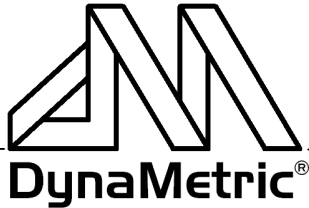
### Instructions – CBL-53 Aviation Headset-to-3.5mm Plug Adapter Cable for Recording & Playing Back Aircraft Radio & Intercom Traffic on Portable Digital Recorder

The DynaMetric CBL-53 enables you to record and playback radio conversations, tower clearances & instructions, and intercom conversations on any portable recorder with a 3.5mm Mic jack. Connection is through the standard ¼" radio/intercom jacks for aviation headphones or headsets; the CBL-53 just plugs in-line with the headphone jack.

The CBL-53 is designed to be used with the MPR-3 digital recorder available from DynaMetric. It has the following features:

- 1GB built-in flash memory
- Voice operated recording (VOR) mode
- Built in speaker, or use headphones
- Mono recording using built-in mic
- Stereo recording using external audio source
- 48 Hours recording battery life in LP
- Cue and review, easy search
- Wave file download to PC using Digital Voice Editor Software, included



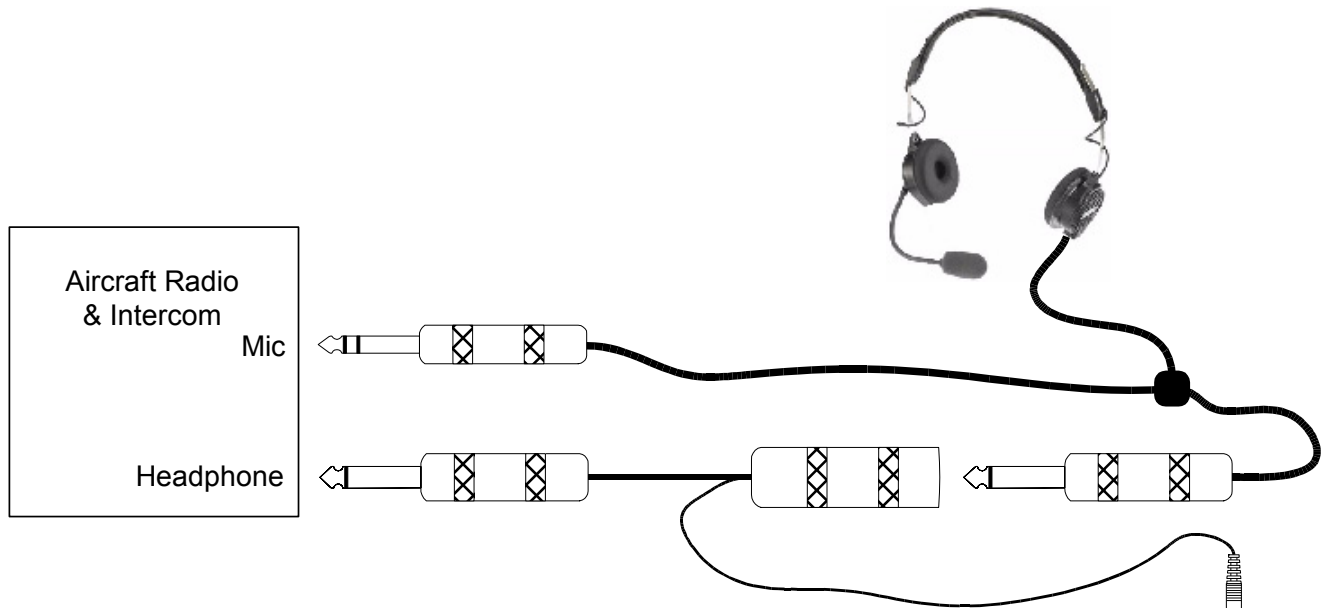


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### Setup for RECORDING

1. Unplug the headphone from the radio/intercom jack on the instrument panel.
2. Plug the ¼" plug on the CBL-53 into the radio/intercom headphone jack on the instrument panel where the headphone was plugged in.
3. Plug the ¼" plug from the headphone into the ¼" jack on the CBL-53.
4. Plug the small 3.5mm plug into the MIC jack on the recorder.



### Recording Tips

Many recorders have VOR or VOX modes that only record when voice is present. This mode is useful so the long spaces between radio calls or intercom conversations is skipped. Alternately, if you want to keep track of the timing of the conversations, set the recorder VOR off.

Be sure to have the radio's sidetone set to ON to be sure you get both sides of the radio traffic on your recording.

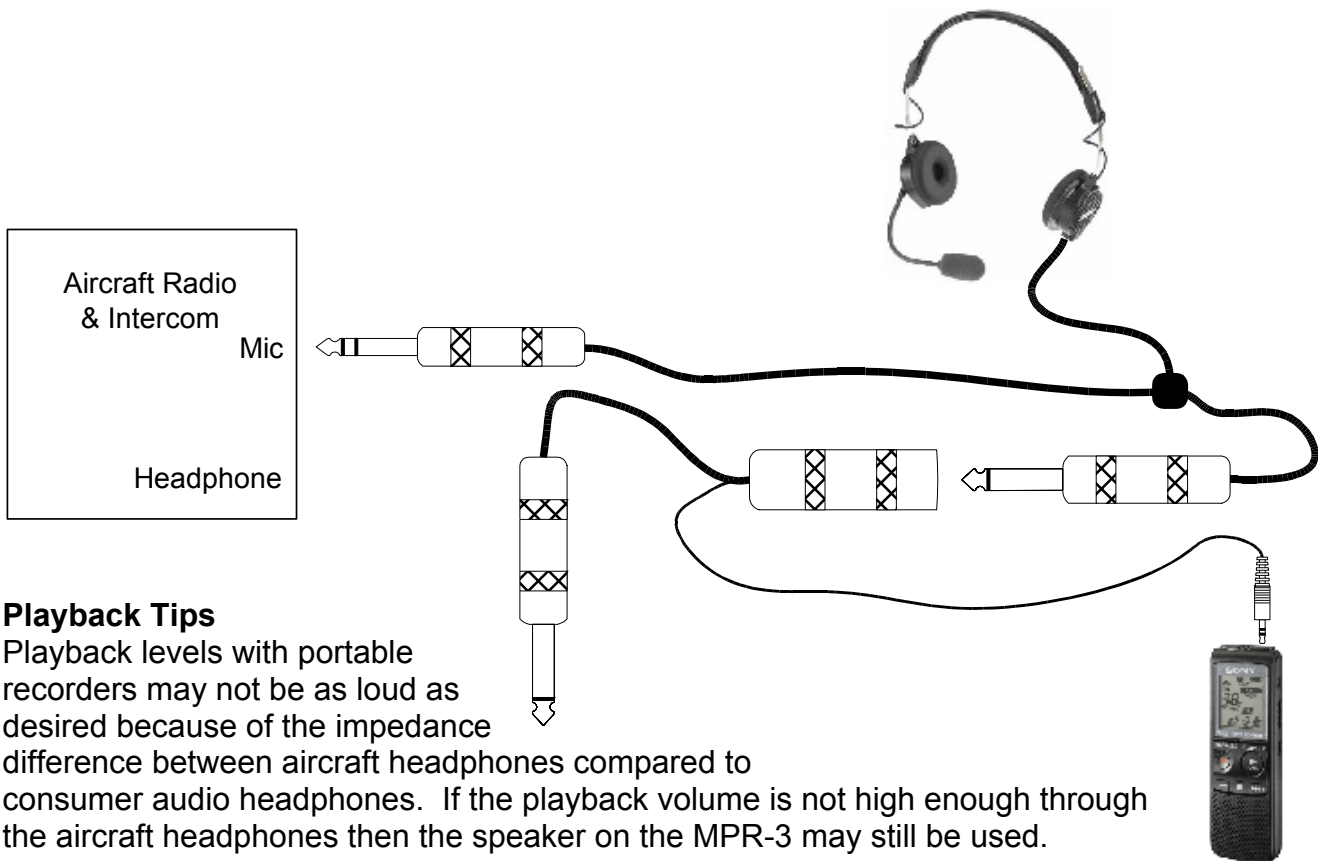
On the recorder, the mic sensitivity may need to be set to L if recordings sound distorted.



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**Setup for PLAYBACK**

1. Use the exact same setup as for recording EXCEPT plug the small 3.5mm cable into the HEADPHONE jack of the recorder instead of the Mic jack.
2. Unplug the ¼" plug on the CBL-53 that was plugged into the into the radio/intercom jack on the instrument panel. This will disable you from hearing the radio and intercom for the time you are listening to the recorder playback.



**Playback Tips**

Playback levels with portable recorders may not be as loud as desired because of the impedance difference between aircraft headphones compared to consumer audio headphones. If the playback volume is not high enough through the aircraft headphones then the speaker on the MPR-3 may still be used.

With the CBL-53 unplugged from the intercom & radio, you will not hear the radio or intercom but you will NOT load them down for others still connected to the system.

You may experiment by playing back with the CBL-53 still plugged in to the radio & intercom, but - WARNING - it may load down the radio and intercom for everyone connected, and everyone connected will hear the playback.