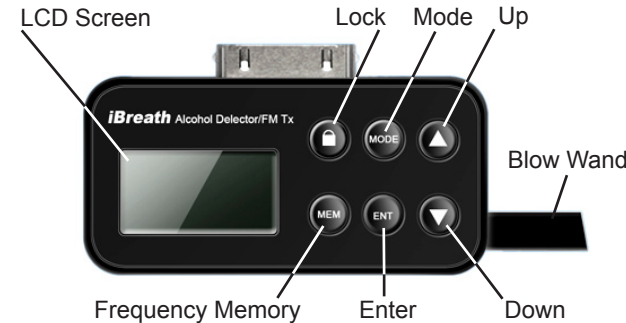# *iBreath*®
Personal Breathalyzer & FM Transmitter for iPod®

Operation Manual

DavidSteele.com
David Steele Enterprises, Inc.

Description

• DO NOT DRINK ALCOHOL AND DRIVE
• ALWAYS USE A DESIGNATED DRIVER AFTER DRINKING ALCOHOL

LCD Screen   Lock   Mode   Up

Blow Wand

Frequency Memory   Enter   Down

Introduction

The iBreath Personal Breathalyzer & FM Transmitter is designed to measure alcohol on the human breath as a simple and effective way to estimate your blood alcohol content (BAC) from a breath sample.

The iBreath's display offers simple directions to inform you when to blow into the wand and it reads a range of .000% to .100% BAC.

Specifications

Size	2 3/8 x 1 1/8 x 1/8"
Weight	3 ozs.
Accuracy	0.001%BAC
Operating Range	0.001-0.1%
Operating Temperature	0 - 104 degrees F

The accuracy of the iBreath has been calibrated at a BAC of 0.010% and 0.080%. Accuracy beyond the legal limit of 0.080% has not been determined or evaluated.

Mode Flow

Pressing the MODE button cycles through the following screens:
BAC Testing → FM Transmission → FM Frequency Selection → Count Down Timer → Count Down Timer Setting.
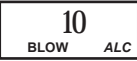
`10 ALC`

iBreath BAC Testing

1. Connect the iBreath to your iPod. The iPod supplies power to the iBreath and it immediately beeps and displays the iBreath splash logo, then the following screen will appear:

`10 WAIT ALC`

2. Slide the spring release lever on the rear of the unit to expose the Blow Wand.
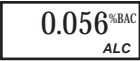
3. Press the Enter key (ENT), and iBreath begins a 10 second countdown while it prepares the sensor. The word WAIT instructs you to wait for 10 seconds before the BLOW cycle.

`10 BLOW ALC`

3. Immediately after the initial 10 seconds pass, the word BLOW will blink for 10 seconds. It is during these 10 seconds that a breath sample of at least 4 seconds must be registered. Blow a deep lung sample forcefully into the iBreath wand. You will hear a short Bep when an ample sample has been registered.
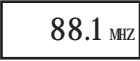
iBreath BAC Testing (cont.)

4. After 1 second, iBreath will display the BAC on screen. If the BAC value is ≥ 0.08, the numerals will flash and the alarm will beep 3 times.

`0.056 %BAC ALC`

Press the ENT button to repeat BAC testing allowing an interval of 15-20 seconds between tests.

FM Transmitter Function - Play Your iPod on any FM Radio Frequency Range: 88.1 - 107.9

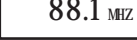1. Press the MODE key until "88.1 MHz" is displayed in the iBreath window.

`88.1 MHz`

2. Press the MODE key again and the ones digit will blink. Press the ▲ or ▼ key to change the ones frequency as desired, then press the ENT key to select.

3. The tenths digit then begins to blink. Press the ▲ or ▼ key to change the tenths frequency as desired, then press the ENT key to select.

3 Frequency Memory Setting, M1/M2/M3

Up to 3 separate radio transmission frequencies can be memorized for easy future access, M1/M2/M3.

1. Press the MODE key until the FM frequency screen appears.

`88.1 MHz`

2. Press the MODE key again and the ones digit will blink. Press the ▲ or ▼ key to change the ones frequency as desired, then press the ENT key to select.

3. The tenths digit then begins to blink. Press the ▲ or ▼ key to change the tenths frequency as desired, then press the ENT key to select.

4. Press and hold the ENT key for 2 seconds. M1 will blink on the screen. Press the ▲ or ▼ key to select either M1, M2 or M3, then press the MEM key to store the desired frequency.
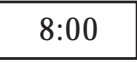
To access memorized settings, press the MEM key, then press the ENT key within 3 seconds to confirm. If the ENT key is not pressed within 3 seconds, iBreath will return to the frequency screen.

Press the ▲ or ▼ key to select desired memorized frequency, M1, M2 or M3.

Countdown Timer

iBreath can remind you to take another breath test with a timer that can be set from 1 minute, up to 8 hours in duration.

1. Press the MODE key until the Timer screen appears.

`8:00`

2. Press the MODE key again and the hours digit will blink. Press the ▲ or ▼ key to change the hour as desired, then press the ENT key to select.

3. The minutes digit then begins to blink. Press the ▲ or ▼ key to change the minutes as desired.

4. Press the ENT key to start the countdown. An larm will sound when the selected time elapses.

Lock Function 🔒

iBreath can be locked to prevent accidental pressing of active keys. All functions continue to operate in the background, even while in locked mode.

1. Press and hold the 🔒 key to lock keys. Press and hold it again to unlock.

Included Accessories:

iBreath
Car Charger
USB Cable
Instruction Manual

Please read all information in this Manual before using iBreath.

• DO NOT DRINK ALCOHOL AND DRIVE
• ALWAYS USE A DESIGNATED DRIVER AFTER DRINKING ALCOHOL
• DRINK RESPONSIBLY