Thank you for purchasing the ZEN One Signature. The ZEN One Signature is a wireless Bluetooth, USB, S/PDIF DAC with digital and analogue outputs.

1. **Power switch**
   - Short press to turn on. Long press to turn off.

2. **Input selector**
   - This button cycles through 3 inputs, see item 5 for LED colours.
   - 3 LEDs - Bluetooth (Blue/Red) - S/PDIF (Green) - USB (Green)

3. **Display**
   - The colour of the iFi logo in the center of the front display represents the file format received:

<table>
<thead>
<tr>
<th>LED</th>
<th>Format/Wired/Wireless</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>PCM/HWA/LHDC</td>
</tr>
<tr>
<td>Cyan</td>
<td>DSD/LDAC</td>
</tr>
<tr>
<td>Blue</td>
<td>MQA/aptX Adaptive</td>
</tr>
<tr>
<td>Magenta</td>
<td>Original Sample Rate/</td>
</tr>
<tr>
<td>Yellow</td>
<td>AAC</td>
</tr>
<tr>
<td>OFF</td>
<td>SBC</td>
</tr>
</tbody>
</table>

4. **Audio format and INPUT LED (kHz)**
   - The LED colour scheme indicates the sampling frequency that the ZEN One Signature receives from the music source.

<table>
<thead>
<tr>
<th>LED</th>
<th>Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>PCM 44.1/48kHz</td>
</tr>
<tr>
<td>White</td>
<td>PCM 88.2/96/176/192/352/384kHz</td>
</tr>
<tr>
<td>Cyan</td>
<td>DSD 64/128</td>
</tr>
<tr>
<td>Red</td>
<td>DSD 256</td>
</tr>
<tr>
<td>Flashing LED</td>
<td>See item 5 below</td>
</tr>
</tbody>
</table>

5. **Bluetooth pairing and display ON/OFF**
   - **Pairing (long press)**
     - After power-on, the ZEN One Signature searches for a previously paired device. If no device is found, it automatically enters pairing mode and flashes blue. The LED is switched to blue flashing after a timeout of 5 minutes.
     - To enter pairing mode, press the button for 3 seconds until the light flashes between blue and red. To pair it with your phone or another device, look for ‘ifi-Zen One’ on the list of available Bluetooth devices.
     - The ZEN One Signature is able to store up to 8 paired Bluetooth devices. When the 9th device is paired, the oldest device in memory will be deleted.

   - **Display screen ON/OFF (short press)**
     - Turns the display on or off.

6. **Balanced 4.4mm fixed analogue output**
   - For connection of 4.4mm to XLR or similarly balanced interconnects.
   - Warning: Do not insert 4.4mm headphones to this source as the full volume is likely to damage your headphones or your hearing.

7. **Single-Ended RCA output**
   - Connect analogue RCA interconnects to an amplifier.

8. **Digital coaxial input/output**
   - Input channel selector (item 2) determines the function of digital coaxial connector, which is:
     - an output when item 2 is on Bluetooth or USB
     - an input when item 2 is on S/PDIF

9. **Digital optical input**
   - To connect an optical cable to a digital audio source.

10. **USB-audio and power input**
    - This is a USB input. It connects the ZEN One Signature to a computer audio source.

   - Tip: For firmware and driver downloads, please visit: www.ifi-audio.com/download-hub/
   - Note: For use with a PC, it is necessary to install drivers.

11. **Antenna**
    - Please attach the enclosed antenna for highest signal quality.

12. **Power supply LED**
    - When connected to an external power supply, the light will turn green.

13. **DC 5V power**
    - Please connect the ZEN One Signature to the included power supply, the super-silent iPower2. The ZEN One Signature must ONLY be powered by 5 volts.

**SPECIFICATIONS:**

- **Power:** DC 5V (centre pin +ve)
- **Digital inputs:**
  - USB3.0 Type B (USB2.0 compatible)
  - S/PDIF (coaxial, TOSLINK optical)
  - Bluetooth 5.1 (aptX, aptX HD, aptX Adaptive, aptX LL, LDAC, LHDC/HWA, AAC and SBC codec)
- **Formats:**
  - PCM 44.1/48/88.2/96/176/192/352/384kHz
  - DSD 2.8/3.1/5.6/6.1/11.3/12.3MHz
  - DXD 352.8/384kHz
  - MQA Decoder
  - Bluetooth 96kHz
- **Chipset:** BBE Perfect DSD & DXD DAC by Burr Brown Qualcomm QCC 5100 Series
- **Analogue inputs:**
  - Coaxial, Audio RCA L/R
  - 4.4mm Balanced line in
- **Frequency Response:** 5Hz - 40kHz ±3dB
- **Outputs:**
  - 4V / 2V max. (BAL/UnBAL)
- **Output Impedance:** ≤7Ω/36Ω (BAL/UnBAL)
- **SNR:** >120dB (BAL/UnBAL)
- **THD + N:** ≤0.005% (BAL/UnBAL)
- **Power consumption:** No Signal ~0.7W / Max Signal ~1.0W
- **Dimensions:** 158 x 100 x 35 mm (6.2" x 3.9" x 1.4")
- **Net weight:** 485g (1.1 lbs)
- **Warranty period:** 12 months

*Specifications are subject to change without notice.*