

# fernReport

## Portable touchscreen-controlled audio codec

The **fernReport** is a portable audio codec device with touchscreen input. **Powered by the aixtream software** it has been tuned specifically for responsive touch controls and widgets specifically meant to facilitate effortless input. As the name implies it is primarily designed for use by reporters on-the-go or stadium commentators, but it is also a great audio codec device for anyone interested in directly setting up their audio transmissions on the device without requiring any additional devices for control and monitoring.

### Applications and Target Audience

#### Reporter

Perfect for reporters and commentators who need an audio transmission/recording device they can carry wherever it needs to be. 4x MIC IN allows multiple participants.

#### Sound Studio

Offers enough channels for almost all sound studio applications and also allows control of the transmissions directly on the device itself.



## Specifications

<b>Audio I/O</b>	<ul style="list-style-type: none"> <li>• 4x AES/EBU I/O</li> <li>• 8x SYM I/O</li> <li>• opt. AES67 I/O</li> </ul>
<b>Network I/O</b>	<ul style="list-style-type: none"> <li>• 2x Ethernet Gigabit LAN <ul style="list-style-type: none"> <li>◦ Data</li> <li>◦ Control</li> </ul> </li> </ul>
<b>CPU</b>	<ul style="list-style-type: none"> <li>• Intel Celeron N3160</li> </ul>
<b>RAM</b>	<ul style="list-style-type: none"> <li>• 8 GB DDR3</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• 120 GB SSD</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>• 2x USB</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• External, 36W</li> </ul>
<b>Cooling</b>	<ul style="list-style-type: none"> <li>• Fan-cooled, 1x fan</li> </ul>
<b>Algorithms</b>	<ul style="list-style-type: none"> <li>• Opus</li> <li>• MP2</li> <li>• MP3</li> <li>• AAC <ul style="list-style-type: none"> <li>◦ LC</li> <li>◦ LD</li> <li>◦ HE</li> <li>◦ xHE</li> </ul> </li> <li>• G.711</li> <li>• G.722</li> <li>• Vorbis</li> <li>• Linear</li> <li>• FLAC</li> </ul>
<b>Transport Protocols</b>	<ul style="list-style-type: none"> <li>• RTP</li> <li>• SIP</li> </ul>
<b>Streaming Protocols</b>	<ul style="list-style-type: none"> <li>• DASH</li> <li>• HLS</li> <li>• IceCast</li> <li>• RTMP</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>• Audio Recording</li> <li>• Audio Visualization</li> <li>• File Encryption</li> <li>• Simultaneous Upload <ul style="list-style-type: none"> <li>◦ FTP</li> <li>◦ HTTP</li> <li>◦ rsync</li> </ul> </li> <li>• Smart Control Applets</li> <li>• Metadata Inserter</li> <li>• Interface Bonding</li> <li>• VPN</li> </ul>
<b>Dimensions</b>	290 mm x 213 mm x 79 mm
<b>Weight</b>	2.7 kg