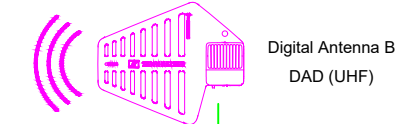
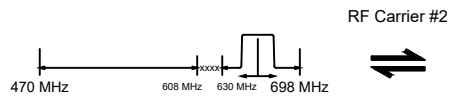
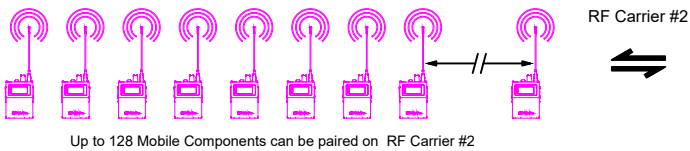
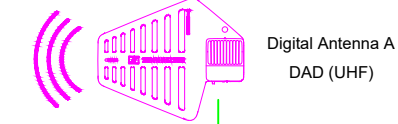
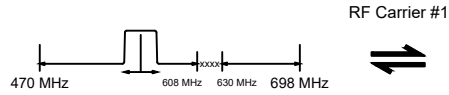
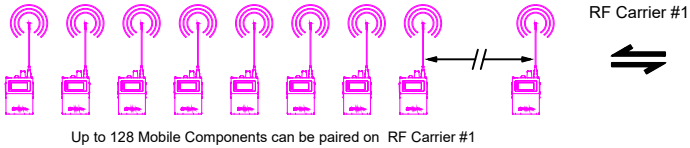


## MOBILE COMPONENT (MC)

Multiple MOBILE COMPONENTS can receive the same IEM/IFB signal



### Technical Application Engineering (TAE) System Drawings

<b>Drawing name</b> SPECTERA Systems: N° 3	<b>Rev.</b> 1.0
<b>Description</b> 2x RFC, 1x DAD (UHF) per RFC	

#### Mobile Components

- SEK (UHF): 470 - 698 MHz
- SEK (1G4): 1.350 - 1.525 GHz

MICs and IEMs at the same time on any SEKs

Audio Input: 3-pin audio socket, Mic & Instr.

Audio Output: 3.5 mm stereo jack

RF Power Output: Up to 50 mW

Power supply: Single BA 70 battery pack

Operating time: depending on selected Audio Link Mode

#### Antenna, RF Carrier & Cables

- DAD (UHF): 470 - 698 MHz
- DAD (1G4): 1.350 - 1.525 GHz

Both models can coexist on a Base Station

Modes: - Single RF Carrier, 6 or 8 MHz  
- Frequency Scan, Full Band

Pairing Capacity: 128 Mobile Components per RF Carrier

RF Power Output : Up to 100 mW

Network: Proprietary, Layer 1, Home runs

Power Input: POE (from Base Station)

Connector: RJ45, etherCON compatible

Cable: CAT 5e UTP / STP or better

Optical: with layer 1 media converters

#### Base Station & Audio Interfaces

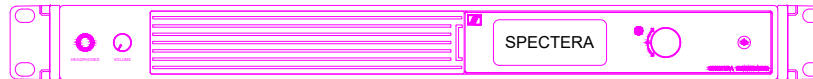
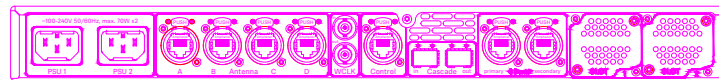
- INPUT Capacity (IEM/IFB)  
Up to 32 Audio Links (16 stereo) can be assigned
- OUTPUT Capacity (MIC or Instrument)  
Up to 32 Audio Links can be assigned
- SAMPLE RATE  
48 or 96 kHz with SRC for each interface  
Dante®, Primary & Secondary or Shared

Optional slots: 2 for MAD1, BNC and Optical

Digital Antenna Ports: 4 on Base Station

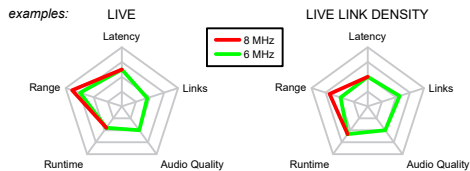
RF Carrier: Up to 2 per Base Station

## SPECTERA BASE STATION



#### Audio Link Modes:

- Up to 11 different modes for MICs and IEMs currently
- Independent for each Link
- Impacting the RF Channel Capacity



#### Clocking options:

- Individually selectable for each audio interface
- The Dante® Audio Network is set with Dante® Controller software

	MADI 1 Output	MADI 2 Output	Word clock BNC Output
Leader 48 kHz	✓	✓	✓
Leader 96 kHz	✓	✓	✓
Follow MADI 1 Input	✓	✓	✓
Follow MADI 2 Input	✓	✓	✓
Follow Word clock BNC Input	✓	✓	✓
Follow Audio Network (Dante®)	✓	✓	✓

→ Please contact your local Sennheiser representative for SPECTERA availability in your market