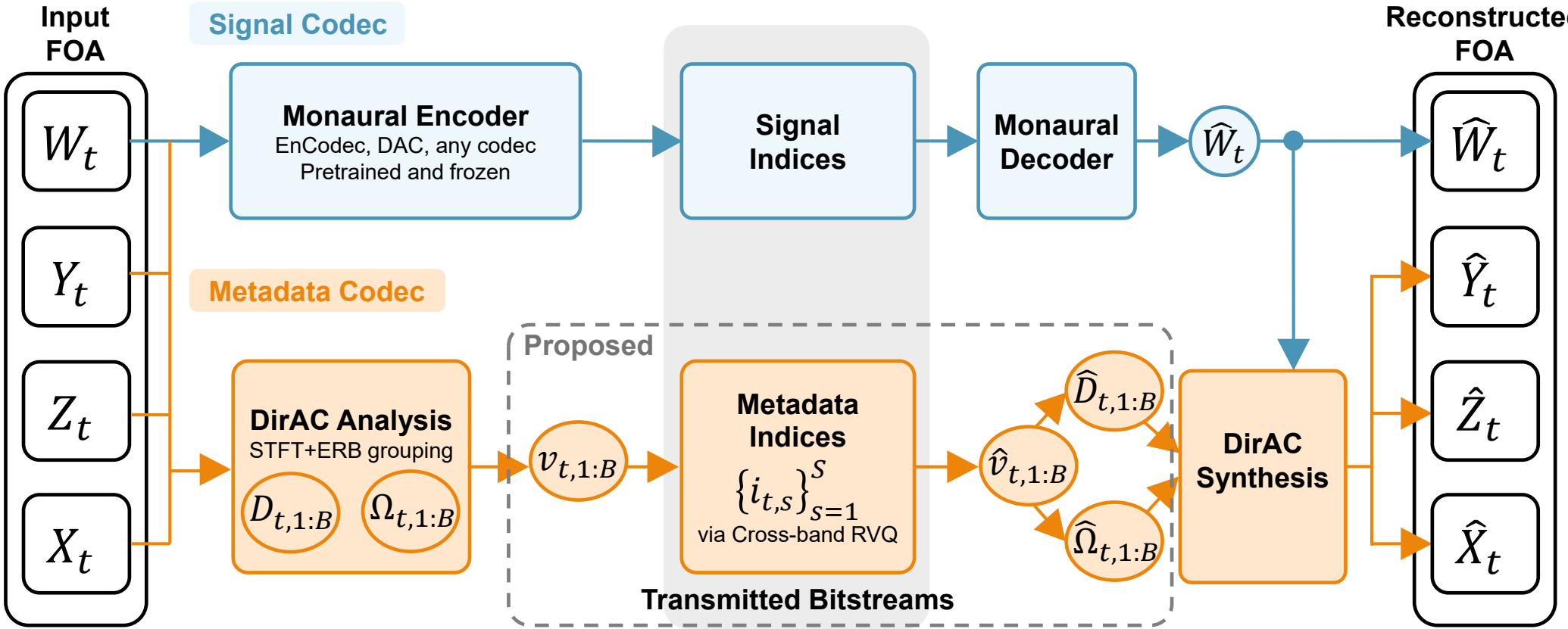

Input FOA
Signal Codec
Monaural Encoder
EnCodec, DAC, any codec
Pretrained and frozen
Signal Indices
Monaural Decoder
Reconstructed FOA
Metadata Codec
Proposed
DirAC Analysis
STFT+ERB grouping
Metadata Indices
via Cross-band RVQ
DirAC Synthesis
Transmitted Bitstreams