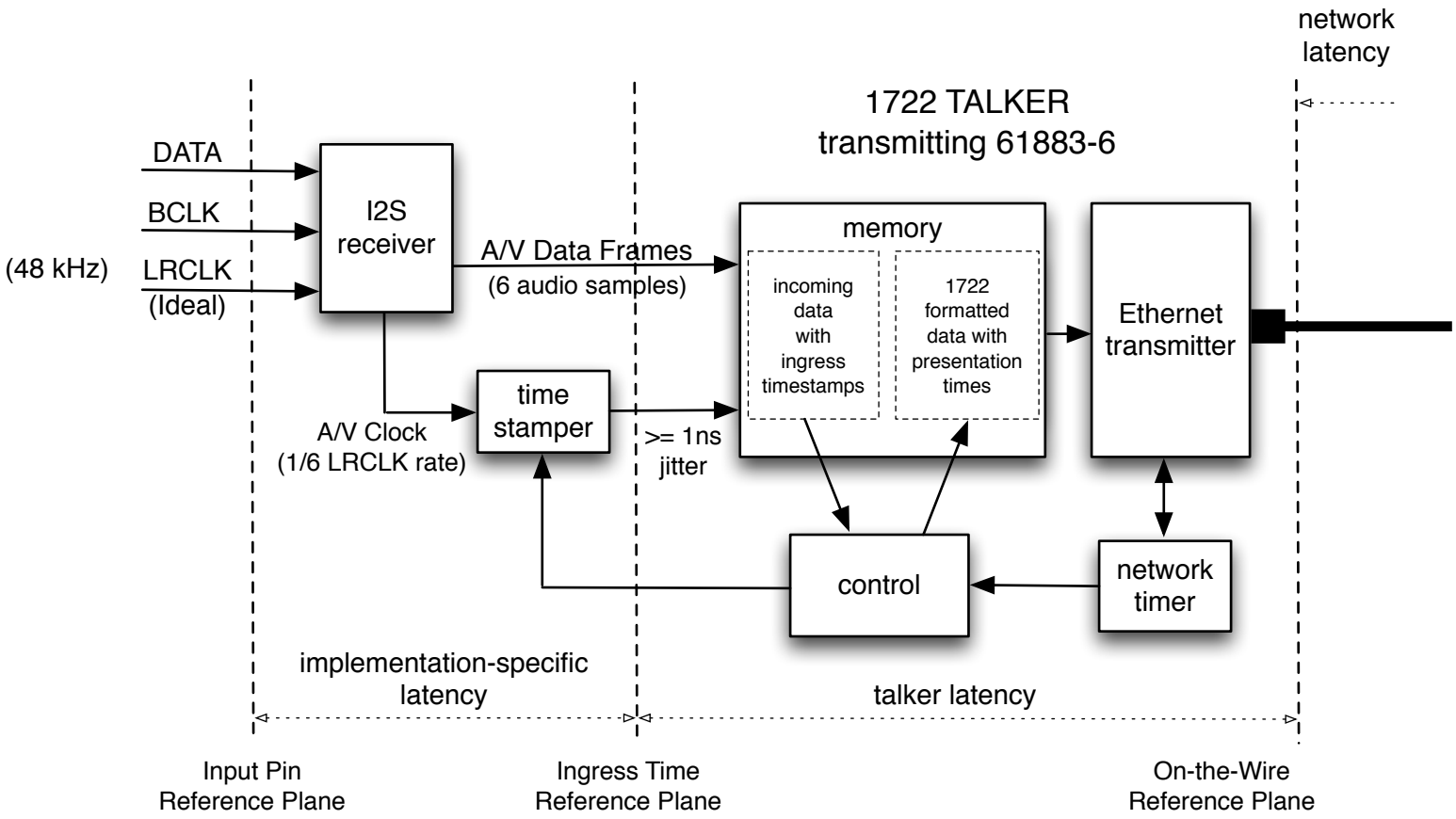
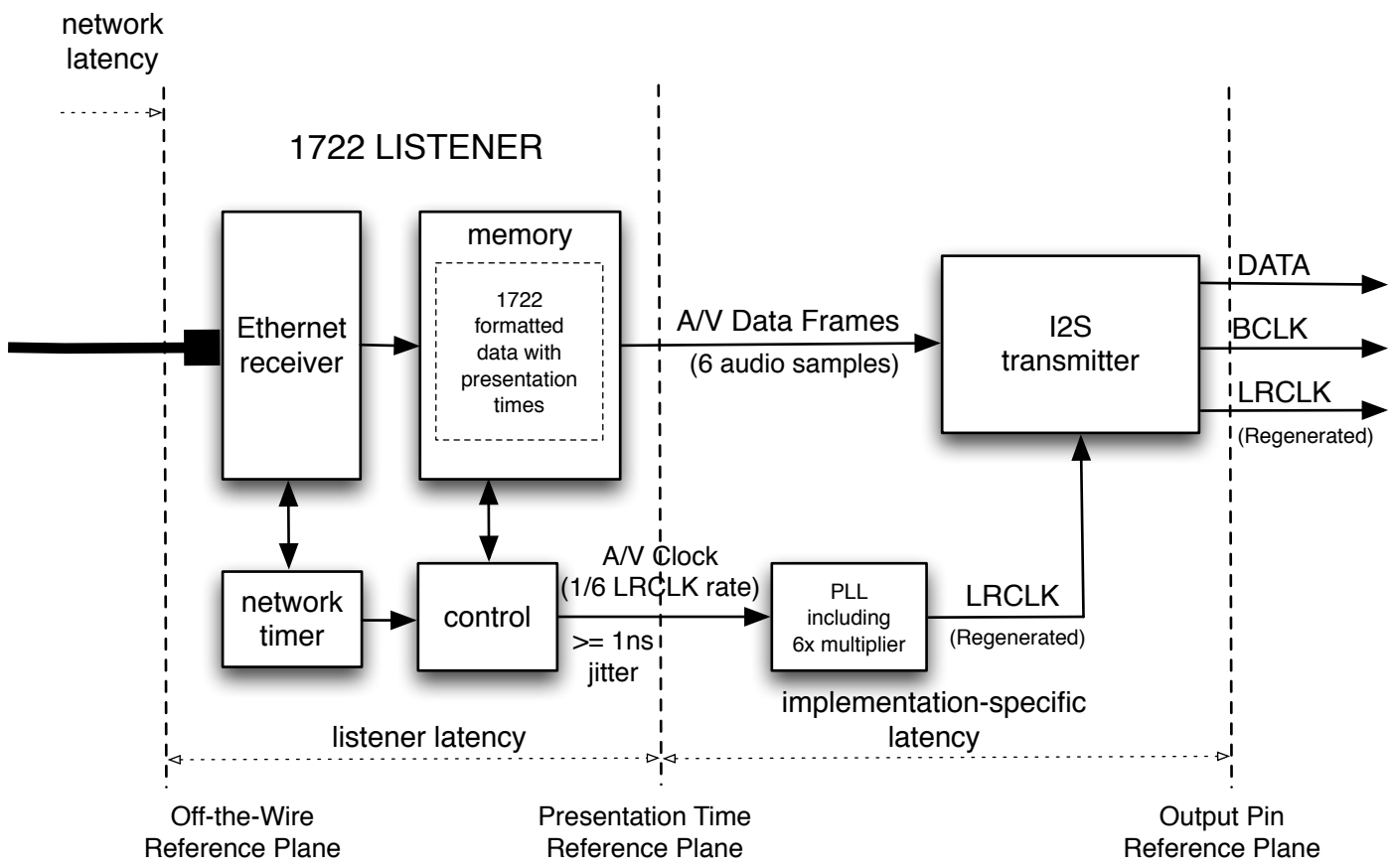

network
latency
1722 TALKER
transmitting 61883-6
DATA
BCLK
(48 kHz)
LRCLK
(Ideal)
I2S
receiver
A/V Data Frames
(6 audio samples)
memory
incoming
data
with
ingress
timestamps
1722
formatted
data with
presentation
times
Ethernet
transmitter
time
stamper
A/V Clock
(1/6 LRCLK rate)
>= 1ns
jitter
control
network
timer
implementation-specific
latency
talker latency
Input Pin
Reference Plane
Ingress Time
Reference Plane
On-the-Wire
Reference Plane


network
latency
1722 LISTENER
Ethernet
receiver
memory
1722
formatted
data with
presentation
times
A/V Data Frames
(6 audio samples)
I2S
transmitter
DATA
BCLK
LRCLK
(Regenerated)
network
timer
control
A/V Clock
(1/6 LRCLK rate)
>= 1ns
jitter
PLL
including
6x multiplier
LRCLK
(Regenerated)
implementation-specific
latency
listener latency
Off-the-Wire
Reference Plane
Presentation Time
Reference Plane
Output Pin
Reference Plane