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PAD ?	7
.....	10
.....	10
.....	10
.....	10

Load impedance,

(Load impedance)

가

가

가

V

I

, V

$$Z = \frac{V}{I}$$

I가

PAD

→ PAD →

Gain

$$Z = \frac{V}{I}$$

I

V가

PAD

가

“PAD

가 가

.”

)
1/10

1)

-20dB PAD

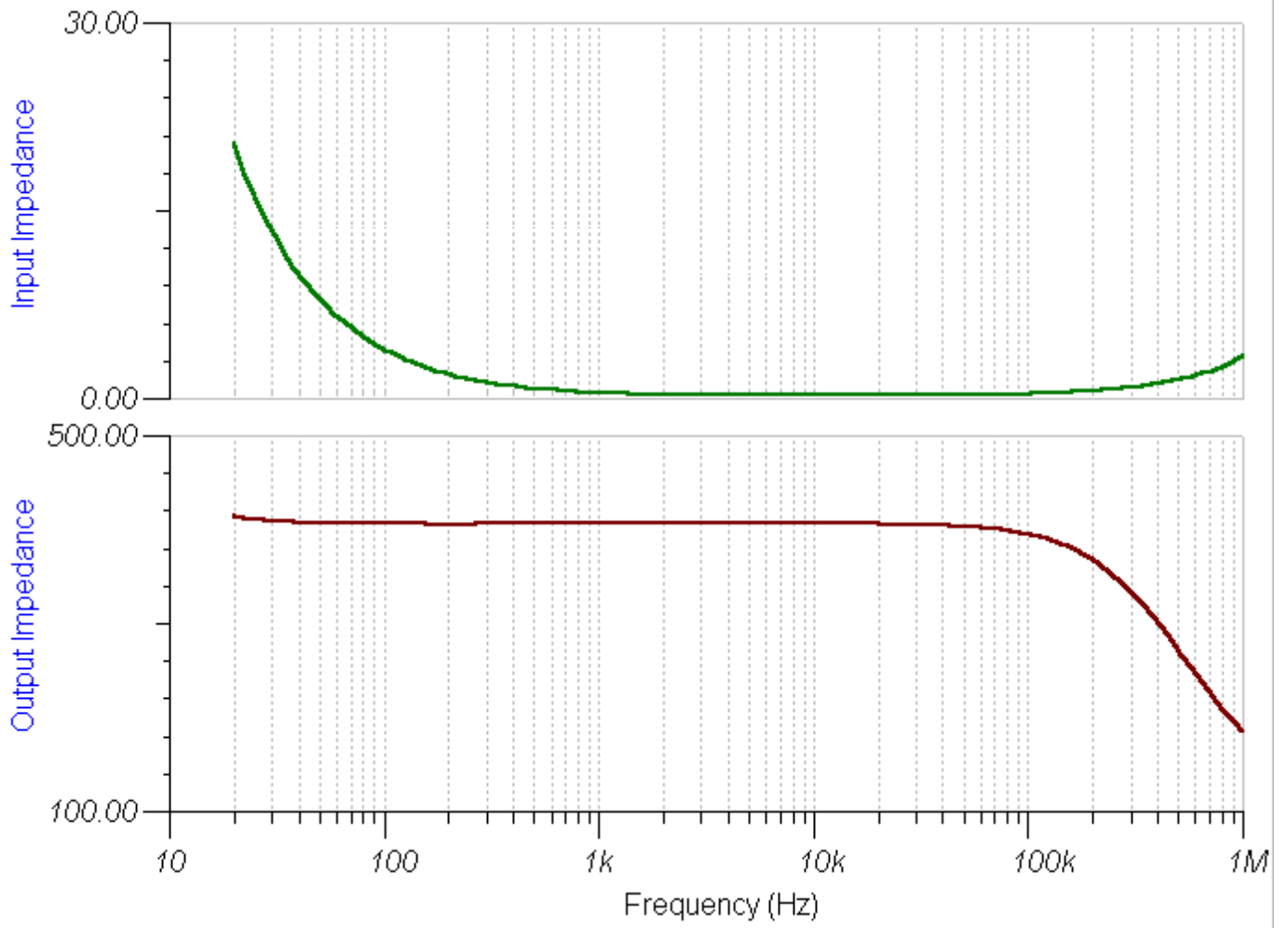
, PAD

가 20dB

10

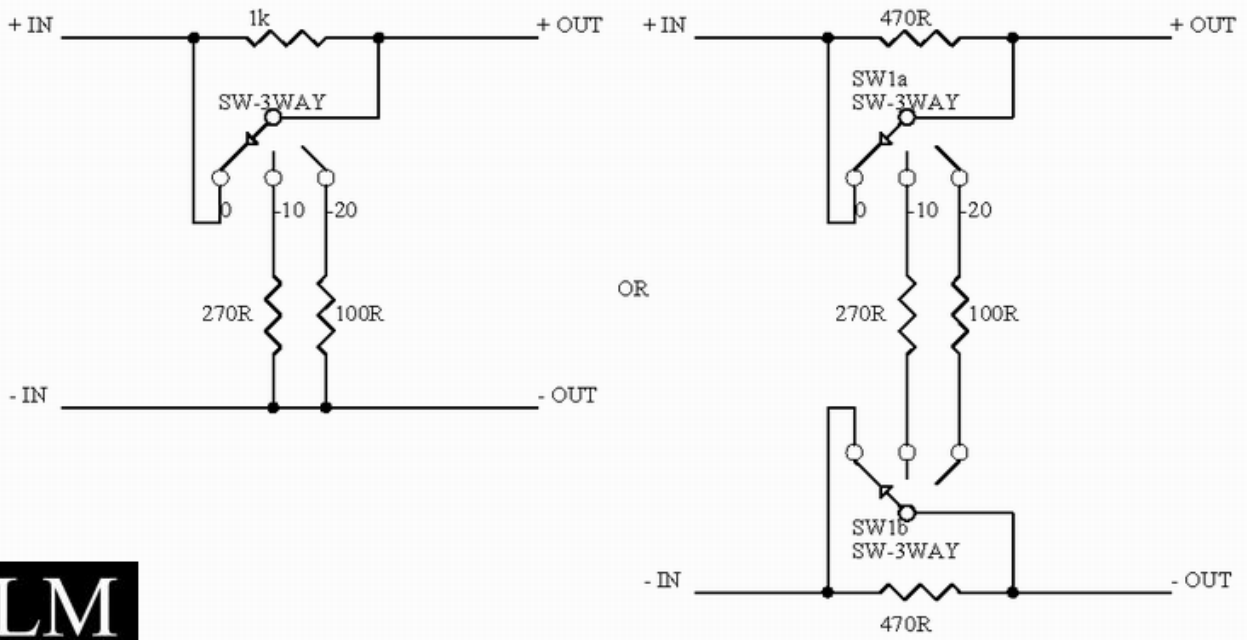
V

가



- [Understanding Impedance](#)

Simple Stepped Balanced Input PAD



PAD

?

XLR 가

2)

XLR

PAD

?

UA 710

Microphone Input Impedance	2kΩ
Balanced Line Input Impedance	10kΩ
Hi-Z Input Impedance	2.2MΩ
Internal Output Impedance	600Ω
Overall Gain Range	-Infinity to 70dBu
Gain Pot Range	
Mic	+10 ~ +60 dBu
Line	- 10 ~ +40 dBu
HI-Z	+10 ~ +40 dBu
Maximum Mic Input Level Gain @min	
SS 1% THD	+18 dBu
Tube 1% THD	- 7 dBu (+8dBu with pad)
Maximum Line Input Level Gain @min	
SS 1% THD	+30 dBu
Tube 1% THD	+ 8 dBu
Maximum HI-Z Input Level Gain @min	
SS 1% THD	+18 dBu
Tube 1% THD	+ 8 dBu
Clipping Level (Tube and Solid-State)	same as Max In

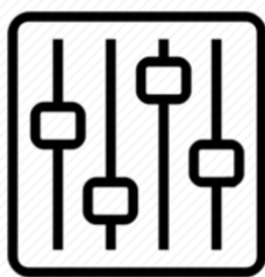
18dBu, 30dBu
 , 2KΩ, 10KΩ

가 +26dBu 가 PAD
 , 8dB 가 (-15dB)

15dB PAD $Z = \frac{V}{I}$ $\frac{1}{5.623}$ 가 $\frac{1}{5.623}$

+33dBu 350Ω 가
 +30dBu 10KΩ 가
 가 350Ω 600Ω
 가 PAD , 2KΩ
 10KΩ 가 가 (

- 1) ,
가 , 가 가 .
- 2) XLR TRS
+ , - , 0 . XLR
, 가 가 .



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