

プロフェッショナル・ユニット・ブランド

TAD

7WAY

MULTI-CHANNEL
SYSTEM

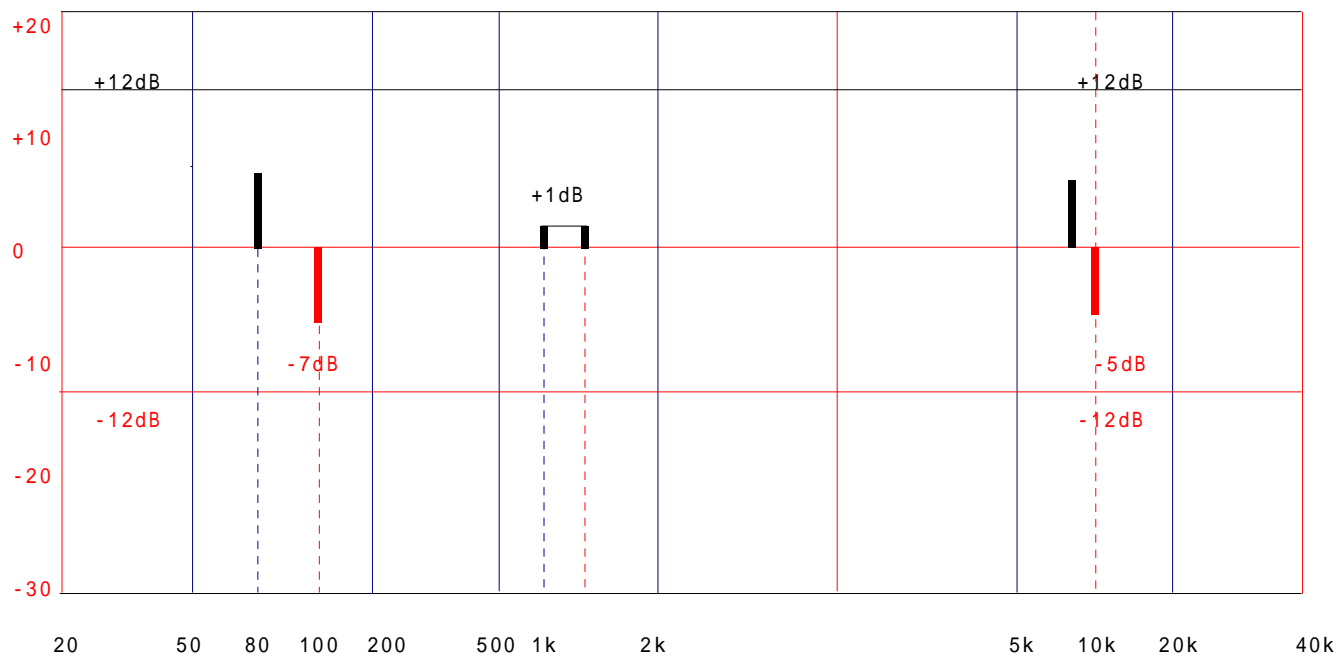
TAD Multi Channel 7WAY DIAGRAM



音場測定周波数特性 [ISO規格]

1/oct/band	16	31.5	63	125	250	500	1k	2k	4k	8k	16k																						
1/2oct/band	16	22.4	31.5	45	63	90	125	180	250	355	500	710	1k	1.4k	2k	2.8k	4k	5.6k	8k	11.2k	16k	22.4k											
1/3oct/band	16	20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	12.5k	16k	20k	25k

フィルター特性 ± 12dB 凹凸音場補正 [1KHz基準]



低域 : 80Hz : 18dB 100Hz : -18dB 実測変化 -7dB ロールオフ 2000Hz ± 0dB
 中域 : 800Hz+18dB 10000Hz+18dB 実測変化 1dB ロールオフ 2000Hz ± 0dB
 高域 : 8000Hz+18dB 12500Hz+18dB 100000Hz-18dB 実測変化 -5dB ロールオフ -1.5dB/oct ~ -3dB/oct 2000Hz下降 -1.5dB

7WAY高忠実度周波数帯域 [音周波数範囲]

WOOFER : TL1801

f : PASS

18Hz 63Hz [18 ~ 63Hz]

SLOPE: -18dB

CLOSS LOWER:18Hz ~ UPPER:63Hz] SLOPE:24dB 0 5 10 15 20 25 30 35 40 45 50 55 60 63

Effect: [double bassoon basssaxophone pianoforte organ tuba basstrombon basssaxophone double bassoon]

WOOFER TL1801

63Hz 125Hz [63 ~ 125Hz]

SLOPE: -18dB

CLOSS LOWER:63Hz ~ UPPER:125Hz] SLOPE:-18dB 63 70 75 80 85 90 95 100 105 110 115 120 125

Effect: [baritone bass clarinet flat a bass clarinet basset horn bassoon double bassoon tenor trombone
baritone saxophone bass saxophone altotrombone tenor trombone basstrombon valve horn cello double
bassguitar pianoforte keyboard woodwinds organ timpani gilckenspiei]
timpani guitar vaiehorn trumpet in f bass clariner brritone contraito]

WOOFER TL1801

125Hz 400Hz [125 ~ 400Hz]

SLOPE: -18dB

CLOSS LOWER:125Hz ~ UPPER:400Hz] SLOPE:-18dB 125 140 145 180 200 205 240 260 280 300 320 340 360 380 400

Effect: soprano contraalto baritone bass piccolo fulte oboeclarinet clarinet in e flat basset horn sprprno
saxophone alto saxophone tenner saxophone violin viora pianoforte organ tempani

SQUAWKER TM1201

400Hz 1250Hz [400 ~ 1250Hz]

SLOPE: -18dB

CLOSS LOWER:400Hz ~ UPPER:1250Hz] SLOPE:-18dB

400 420 440 460 480 500 600 620 640 660 680 680 0680 690 710 760 800 810 860 910 960 1.000 1.010
1060 1110 1160 1210 1250

Effect: vocal woodwind brass string keyboard percussion

DRIVER TD4001

1250Hz 8000Hz [1250 ~ 8000Hz]

SLOPE: -12dB

CLOSS LOWER:1250Hz ~ UPPER:8000Hz] SLOPE:-18dB 1.250 2.000 3.000 4.000 5.000 6.300 8.000

Effect: drums guitar accentuation vocals strings brass accentuation percussion cymbals suare drum

TWEETER ET703

8000Hz 16000Hz [8000 ~ 16000Hz]

SLOPE: -12dB

CLOSS LOWER:8000Hz ~ UPPER:16.000Hz] SLOPE:-18dB 12.500Hz to 8.000Hz governs clarity and definition

Effect: cymbals and overall too much boost causes sibilance 10.000 12.500 16.000KHz

TWEETER PT-R100

PASS

16000Hz PASS Hz [16.000Hz ~ PASS]

楽器高次調波 SLOPE: -18dB

CLOSS LOWER:16000Hz ~ UPPER:PASS] SLOPE:-18dB

Effect: reduction of tape hiss and noise

高域下降特性の各周波数の値

周波数	-1.5dB/oct	-3.0dB/oct
2KHz	-0	0
2.5KHz	-0.5	-1
3.15KHz	-1.0	-2
4KHz	-1.5	-3
5KHz	-2.0	-4
6.3KHz	-2.5	-5

8KHz	-3.0	-6
10KHz	-3.5	-7
12.5KHz	-4.0	-8
16KHz	-4.5	-9
20KHz	-5.0	-10

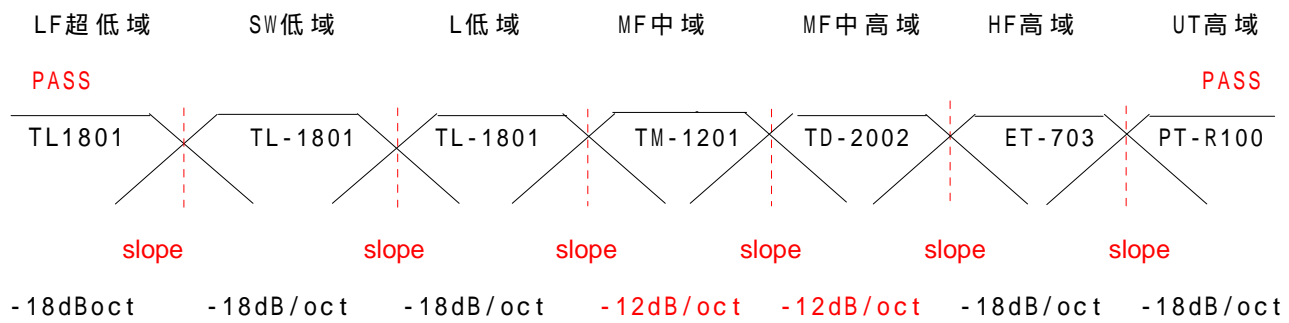
UNIT PHASE

位相差	位相	合成波	音質変化	SLOPE	位相	PHASE試聴設定
0	正相	2倍	無	6dB/oct	90度	中間 NORorREV
90	中間	位相ズレ	無	12dB/oct	180度	逆相 REVERS
180	逆相	打消	変化	18dB/oct	270度	中間 NORorREV
270	中間	位相ズレ	無	24dB/oct	360度	正相 NORMAL
360	正相	2倍	無	48dB/oct	720度	正相 NORMAL

TAD UNITスペック特性

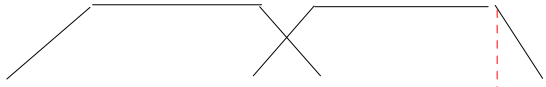
	帯域名	UNIT	SLOPE/oct	最大W	能率	クロス	特性	
PIONEER	超高音域	PT-R100	-18dB	100W	98dB	推奨	5kHz ~ 120kHz	8
TAD	高音域	ET-703	-12dB	30W 80	107dB	推奨 5.000Hz	5kHz ~ 4.5kHz	8
TAD	中高音域	TD-2002	-12dB	40W 141	111dB	推奨 800Hz	800 ~ 22.000Hz	8
ORIGINAL	HORN	スロート径25.4 W480 x H170 x 320			+		+	+
TAD	中低域	TM-1201	-18dB	300W 318	100dB	200/3000	200 ~ 3.000Hz	8
TAD	低域	TL-1801	-18dB	800W 464	96.5dB	f _o :26Hz	26 ~ 2.000Hz	8
TAD	低域	TL-1801	-18dB	800W 464	96.5dB	f _o :26Hz	26 ~ 2.000Hz	8
TAD	超低域	TL-1801	-18dB	800W 464	96.5dB	f _o :26Hz	26 ~ 2,000Hz	8

帯域分割/帯域スロープ



USW 低音域 : NOR : TL1801 : 外形 : 464 × D176mm LEVEL/96.5dB/oct ± 3.5dB

遮断周波数設定 LEVEL:100dB ± 3dB



USW/低域 : LOWER : SLOPE:18Hz : -18dB/oct

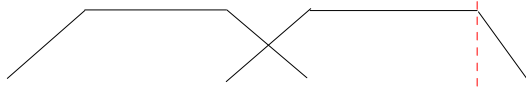
USW/低域 : UPPER : SLOPE:63Hz : -18dB/oct

POWER.RATIO dB/m:P7100 500W+27dB-3dB.NOR0



116mm

U/低音域 : NOR : TL-1801:外形 : 464 × D176mm LEVEL/96.5dB/oct ± 3.5dB



U/低域 : LOWER : SLOPE : 63Hz : -18dB/oct

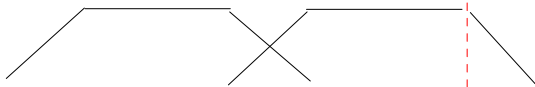
U/低域 : UPPER : SLOPE : 125Hz : -18dB/oct

POWER.RATIO dB/m:P5000 400W+26dB LEVEL+1dB



116mm

低音域 : NOR : TL-1801:外形 : 464 × D176mmLEVEL/96.5dB/oct ± 3.5dB



低域 : LOWER : SLOPE : 125Hz : -18dB/oct

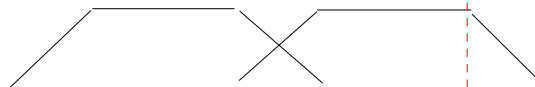
低域 : UPPER : SLOPE : 400Hz : -18dB/oct

POWER.RATIO dB/m:P3000 300W+25dB LEVEL+2dB



116mm

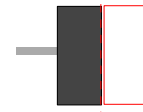
MF低音域 : NOR : TM-1201:外形 : 318 × 110mm LEVEL/100dB ± 0.0dB



MF/高域 : LOWER : SLOPE : 400Hz : -18dB

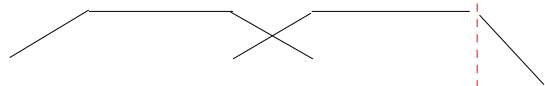
MF/高域 : UPPER : SLOPE : 1.250Hz : -18dB

POWER.RATIO dB/m:M6000 150W+22dB LEVEL+5dB



50/+110mm

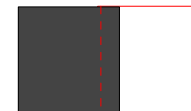
MF/中高音域 : REV : TD-2002 : 外形 : 141 × D137mm LEVEL/111dB ± 11dB



MF/中高域 : UPPER : SLOPE : 8.000Hz : -18dB

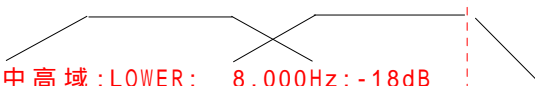
MF/中高域 : LOWER : SLOPE : 1.250Hz : -18dB

POWER.RATIO dB/m:A45 180W+22.5dB LEVEL+4.5dB



90/+26mm

HF/高音域 : REV : ET-703 : 外形 80 × D73mm



MF/中高域 : LOWER : 8.000Hz : -18dB

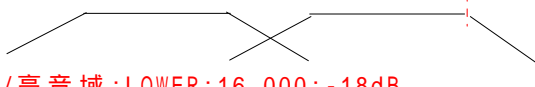
MF/中高域 : UPPER : 16.000Hz : -18dB

POWER.RATIO dB/m:P3000 75W+19dB LEVEL+8dB



96/-20mm

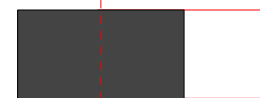
UHF/超高音域 : NOR : PT-RT100 : 外形 W180 × H120 × D183



UHF/高音域 : LOWER : 16.000 : -18dB

UHF/高音域 : UPPER : PASS : -18dB

POWER.RATIO dB : P3000 75W+19dB LEVEL+8dB



30/-86mm