



DX-100i v1,04

Nº de memoria Memory number	Nombre del programa Program name	Descripción Description	Tipo de sistema System type	salidas usadas DE AMPLIFICADOR used AMPLIFIER outputs	Salidas Auxiliares usadas Used Aux outputs
1	AR-510+AR-322S	ARTEC-510 with ARTEC-322S	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-510 outs 2 and 4	none
2	SF-158 2W	SF-158 passive, 15"(LF) + 8"&driver (MF/HF)	2 vías / 2 way	15" (LF) outs 1 and 3, 8"&driver (MF/HF) outs 2 and 4	none
3	SF-158 3W	SF-158 triamp mode, 15", 8" and compression driver (LF, MF, HF)	3 vías / 3 way	8" (MF) outs 1 and 3, driver (HF) outs 2 and 4	15" (LF) outs 1 and 2
4	SF-158+EV218A	SF-158 passive, 15"(LF) + 8"&driver (MF/HF) with EVENT-218A	3 vías / 3 way	15" (LF) outs 1 and 3, 8"&driver (MF/HF) outs 2 and 4	EVENT-218A outs 1 and 3
5	SF-221+SF-158 3W	SF-158 passive, 15"(LF) + 8"&driver (MF/HF) with SF-221	3 vías / 3 way	15" (LF) outs 1 and 3, 8"&driver (MF/HF) outs 2 and 4	SF-221 outs 1 and 2
6	SF-221+SF-158 4W	SF-158 triamp mode, 15", 8" and compression driver (LF, MF, HF) with SF-221	4 vías / 4 way	8" (MF) outs 1 and 3, driver (HF) outs 2 and 4	15" (LF) outs 1 and 2, 21" outs 3 and 4
7	AR-526+AR-S15	ARTEC-526 with ARTEC-S15	2 vías / 2 way	ARTEC-S15 outs 1 and 3, ARTEC-510 outs 2 and 4	none
8	WR-6412+WR-121S BI	WR-6412 with WR-121S in Bi-amp mode	2 vías / 2 way	WR-121S outs 1 and 3, WR-6412 outs 2 and 4	none
9	WR-6412+WR-121S PAS	WR-6412 with WR-121S in Passive mode	1 vías / 1 way	WR-121S+WR-6412 outs 1, 2, 3 and 4	none
10	AR-508+AR-S15	ARTEC-508 with ARTEC-S15	2 vías / 2 way	ARTEC-S15 outs 1 and 3, ARTEC-508 outs 2 and 4	none
11	AR-510+AR-S15	ARTEC-510 with ARTEC-S15	2 vías / 2 way	ARTEC-S15 outs 1 and 3, ARTEC-510 outs 2 and 4	none
12	SF-10+SF-212	SF-10 with SF-212	2 vías / 2 way	SF-212 outs 1 and 3, SF-10 outs 2 and 4	none
13	AR-508+AR-322S	ARTEC-508 with ARTEC-322S	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-508 outs 2 and 4	none
14	SF-26+SF-212	SF-26 with SF-212	2 vías / 2 way	SF-212 outs 1 and 3, SF-26 outs 2 and 4	none
15	AR-526+AR-322S	ARTEC-526 with ARTEC-322S	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-526 outs 2 and 4	none
16	VT-18+VT-12	VANTEC-12 with VANTEC-18	2 vías / 2 way	VANTEC-18 outs 1 and 3, VANTEC-12 outs 2 and 4	none
17	VT-15 full range	VANTEC-15 full range	1 vía / 1 way	VT-15 outs 1, 2, 3 and 4	none
18	VT-18+VT-15	VANTEC-15 with VANTEC-18	2 vías / 2 way	VANTEC-18 outs 1 and 3, VANTEC-15 outs 2 and 4	none
19	VT-218+VT-215	VANTEC-215 with VANTEC-218	2 vías / 2 way	VANTEC-218 outs 1 and 3, VANTEC-215 outs 2 and 4	none
20	SF 4W STACK 21"	4 Way Dance Stack with 21" subs	4 vías / 4 way	12" outs 1 and 3, HF outs 2 and 4	SF-215 outs 1 and 2, SF-221 outs 3 and 4
21	SF 4W STACK 30"	4 Way Dance Stack with 30" subs	4 vías / 4 way	12" outs 1 and 3, HF outs 2 and 4	SF-215 outs 1 and 2, SF-30 outs 3 and 4
22	SF 4W FLOWN, 21"	4 Way Dance Stack with 21" subs, flown SF-215 and SF-112	4 vías / 4 way	12" outs 1 and 3, HF outs 2 and 4	SF-215 outs 1 and 2, SF-221 outs 3 and 4
23	SF 4W FLOWN, 30"	4 Way Dance Stack with 30" subs, flown SF-215 and SF-112	4 vías / 4 way	12" outs 1 and 3, HF outs 2 and 4	SF-215 outs 1 and 2, SF-30 outs 3 and 4
24	HQ-212.95 PASSIV	HQ-212.95 passive mode	1 vía / 1 way	HQ-212.95 outs 1, 2, 3 and 4	none
25	HQ-212.95 BI	HQ-212.95 biamp mode, 2x12" (LF) + driver (HF)	2 vías / 2 way	2x12" (LF) outs 1 and 3, HF outs 2 and 4	none
26	HQ-212.64 PASSIV	HQ-212.64 passive mode	1 vía / 1 way	HQ-212.64 outs 1, 2, 3 and 4	none
27	HQ-212.64 BI	HQ-212.64 biamp mode, 2x12" (LF) + driver (HF)	2 vías / 2 way	2x12" (LF) outs 1 and 3, HF outs 2 and 4	none
28	AR-320(1U)+322S	one ARTEC-320 with ARTEC-322S subwoofer	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-320 outs 2 and 4	none
29	AR-320(4U)+322S	four ARTEC-320 with ARTEC-322S subwoofers	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-320 outs 2 and 4	none
30	AR-320(6U)+322S	six ARTEC-320 with ARTEC-322S subwoofers	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-320 outs 2 and 4	none
31	AR-320(8U)+322S	eight ARTEC-320 with ARTEC-322S subwoofers	2 vías / 2 way	ARTEC-322S outs 1 and 3, ARTEC-320 outs 2 and 4	none
32	WR-320(1U)+322S	one WR-320 with WR-322S subwoofer	2 vías / 2 way	WR-322S outs 1 and 3, WR-320 outs 2 and 4	none
33	WR-320(4U)+322S	four WR-320 with WR-322S subwoofers	2 vías / 2 way	WR-322S outs 1 and 3, WR-320 outs 2 and 4	none
34	WR-320(6U)+322S	six WR-320 with WR-322S subwoofers	2 vías / 2 way	WR-322S outs 1 and 3, WR-320 outs 2 and 4	none
35	WR-320(8U)+322S	eight WR-320 with WR-322S subwoofers	2 vías / 2 way	WR-322S outs 1 and 3, WR-320 outs 2 and 4	none
36	WR-6415+151S BI	WR-6415 with WR-151S in Bi-amp mode	2 vías / 2 way	WR-151S outs 1 and 3, WR-6415 outs 2 and 4	none
37	WR-6415+151S PAS	WR-6415 with WR-151S in Passive mode	1 vías / 1 way	WR-151S+WR-6415 outs 1, 2, 3 and 4	none
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39					
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## Nota:

Para llamar a una memoria en el DSP pulsar el botón de menú y seguidamente la secuencia de sub menús listada abajo:

menu>global memory sub menu>recall a memory>everything>seleccionar número de memoria

Presionar el botón de enter después de cada sub menú para confirmar la selección.

To recall a memory on the DSP press the menu key, followed by the sequence of sub menus listed below:

menu>global memory sub menu>recall a memory>everything>select desired memory number

Remember to press the enter key after each sub menu to confirm your selection.





## Limitador Limiter settings

Verifique el umbral de limitación de los sistemas de amplificación externa antes de comenzar!!!

El umbral del limitador depende de la ganancia del amplificador en dB, de la impedancia de la carga y de la potencia deseada. Dicho umbral ha sido definido para los sistemas de amplificación externa mediante la siguiente fórmula:

*Before using the system check or define the correct limiter threshold!!*

*Limiter threshold depends on the amplifier gain (dB), at load impedance and at the desired power*

*This value can be calculated using the following formula at:*

**limiter threshold (dBU) = 20\*LOG(V/0,775)-amp Gain**

$$V=\sqrt{(\text{desired power} \times Z)}$$

1) En sistemas de amplificación externa se ha ajustado el umbral del limitador suponiendo amplificadores de ganancia 32dB

Se ha tenido presente la potencia recomendada en el catálogo para cada sistema.

*1) Externally powered systems: limiter has been set up using amplifiers of 32dB gain and the recommended power (see catalogue)*

Se ha supuesto en las vías Sub / Low / Mid trabajando el amplificador a 4ohm por canal

En la vía de agudos dependiendo del sistema se ha supuesto amplificador trabajando a 8ohm por canal o a 4ohm

*Limiter threshold on Sub / Low / Mid has been set up considering the amplifier working into 4ohm*

*On the High frequency way, depending on the system, the amplifier could be working into 8 ohm or into 4 ohm*

2) En sistemas autoamplificados el umbral del limitador en el DSP-4080 es superior al limitador que poseen los propios sistemas

*2) Self Powered systems: limiter threshold on DSP-4080 is above limiter threshold of the systems*

3) Los tiempos de ataque y relajación se han definido en función de la frecuencia inferior de corte de cada vía

*3) Attack and release times are related to the lower x-over frequency of each way*

