

# Guía de estudios Niveles 3 y 4

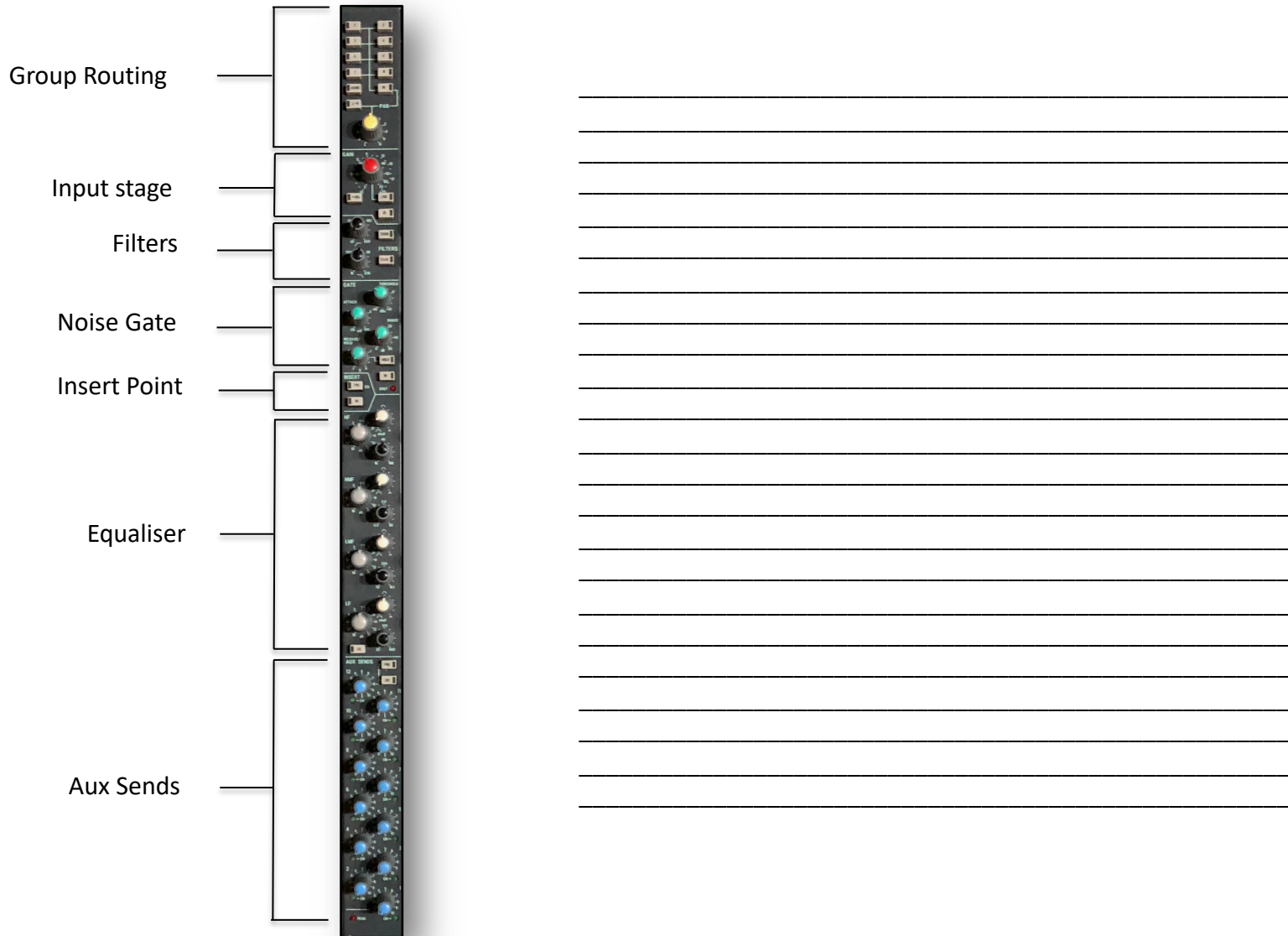


# Estudio A (Rec)

# Soundcraft Europa



# Módulo I/O





# Input Section

Labels on the left side of the mixer:

- Mono assign
- L/R assign
- Pan pot
- Mic/Line gain
- Phantom Power
- HPF frequency
- LPF frequency

Labels on the right side of the mixer:

- Buss assign
- Pan pot in/out
- Mic/Line selector
- Fase reverse
- HPF to channel
- LPF to channel

On the right side of the page, there are 10 horizontal lines for taking notes.



# EQ Section

The image shows a four-band graphic equalizer with the following controls and labels:

- HF gain:** A knob with markings for 0, 3, 6, 9, 12, 15 dB.
- HF Q:** A knob with markings for 0, 3, 6, 9, 12, 15.
- HF frequency:** A knob with markings for 1K and 16K.
- HMF gain:** A knob with markings for 0, 3, 6, 9, 12, 15 dB.
- HMF Q:** A knob with markings for 0, 3, 6, 9, 12, 15.
- HMF frequency:** A knob with markings for 0.5 and 8K.
- LMF gain:** A knob with markings for 0, 3, 6, 9, 12, 15 dB.
- LMF Q:** A knob with markings for 0, 3, 6, 9, 12, 15.
- LMF frequency:** A knob with markings for 280, 70, and 1K1.
- LF gain:** A knob with markings for 0, 3, 6, 9, 12, 15 dB.
- LF Q:** A knob with markings for 0, 3, 6, 9, 12, 15.
- LF frequency:** A knob with markings for 120 and 480.
- EQ in/out switch:** A switch labeled "EQ" and "IN".

Labels on the left side of the image:

- HF gain
- HMF gain
- LMF gain
- LF gain
- EQ in/out switch

Labels on the right side of the image:

- HF Q
- HF frequency
- HMF Q
- HMF frequency
- LMF Q
- LMF frequency
- LF Q
- LF frequency

There are 12 horizontal lines on the right side of the image for notes.







# Stereo Effects Return (FXR)

Routing Switches

Balance for Routing

FXR Fader

Input Trim

Width Control

Equalisation

Aux Send Control

Buss assign

Illuminated Cut Switch with 8 Mute Groups

PFL Switch

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# Estudio A (Rec)

## Periféricos

# Patch bay Estudio A

MIC LINES ESTUDIO																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

MIC INPUTS CONSOLA																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

LINE OUTPUTS ORION																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

LINE INPUTS CONSOLA																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

DIRECT OUTPUTS CONSOLA																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

LINE INPUTS ORION																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

INSERT SENDS CONSOLA																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

INSERT RETURNS CONSOLA																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

AUXILIAR OUTPUTS												GROUP OUTPUTS CONSOLA											
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8				

CUE SENDS				STEREO FX RETURN CONSOLA																			
1	2	3	4	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12				

Mic lines Ctrl		Tie lines Ctrl		Mix Output				Alt Output				Ctrl Room	
A	B	A	B	L	R	L	R	L	R	L	R	L	R

MIC INPUTS CONSOLA																				Speakers			
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	L	R						

LINE OUTPUTS ORION																Mix Ins send	
25	26	27	28	29	30	31	32	L	R								

LINE INPUTS CONSOLA																Mix Ins Rtrn	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	L	R

DIRECT OUTPUTS CONSOLA																			
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				

LINE INPUTS ORION																2 Trk In A		2 Trk In B	
25	26	27	28	29	30	31	32	L	R	L	R								

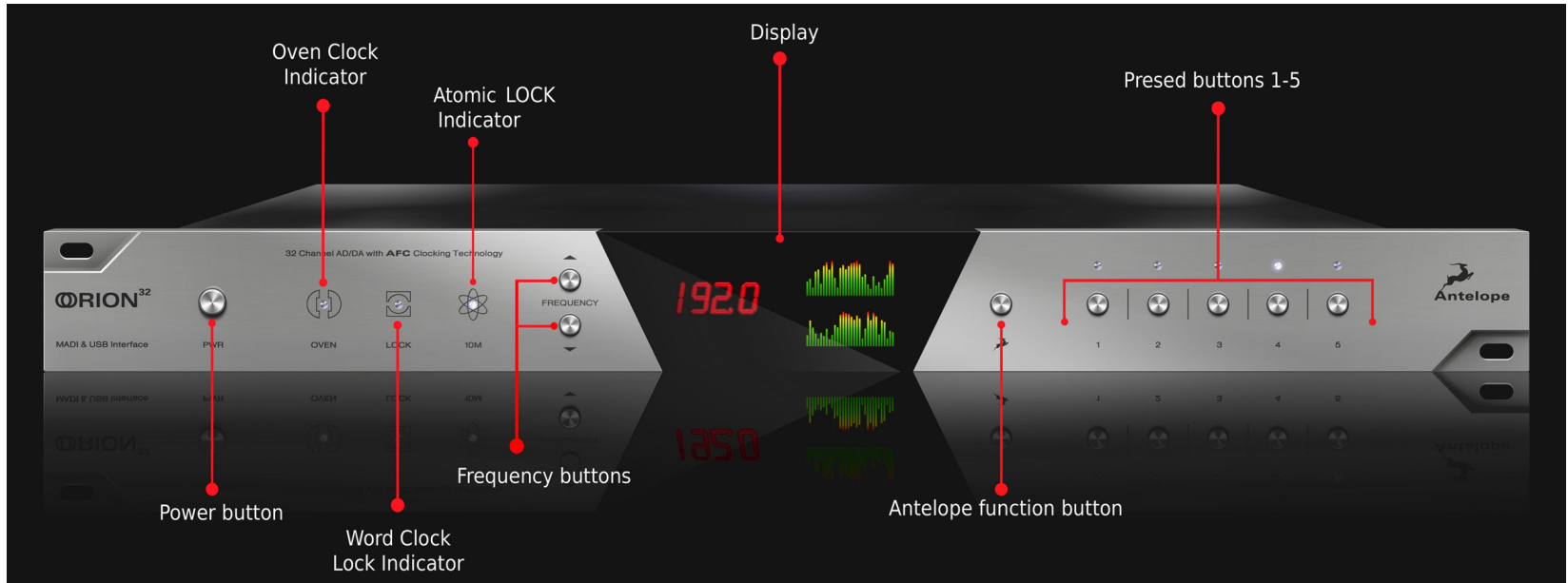
INSERT SENDS CONSOLA																GROUP INSERTS SEND							
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	1	2	3	4	5	6	7	8

INSERT RETURNS CONSOLA																GROUP RETURNS SEND							
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	1	2	3	4	5	6	7	8

TLA EQ 1		TLA EQ 2		API Pre		MX-5050		REV-100 out		dbx 160		C1176		MPA1		LINE MULTS			
Out	snd	Out	snd	Out	Out	Out L	Out R	L	R	out	out	out	out	//	//	//	//		

TLA EQ 1		TLA EQ 2		API Pre		MX-5050		REV-100 in		dbx 160		C1176		MPA1		MIC MULTS			
Mic	Line	rtn	rtn	Mic	Line	Mic	Line	rtn	Line in L	Mic	Line in R	in	in	in	in	In	Out	Outs Iso	

# Antelope Audio Orion 32 (front panel)



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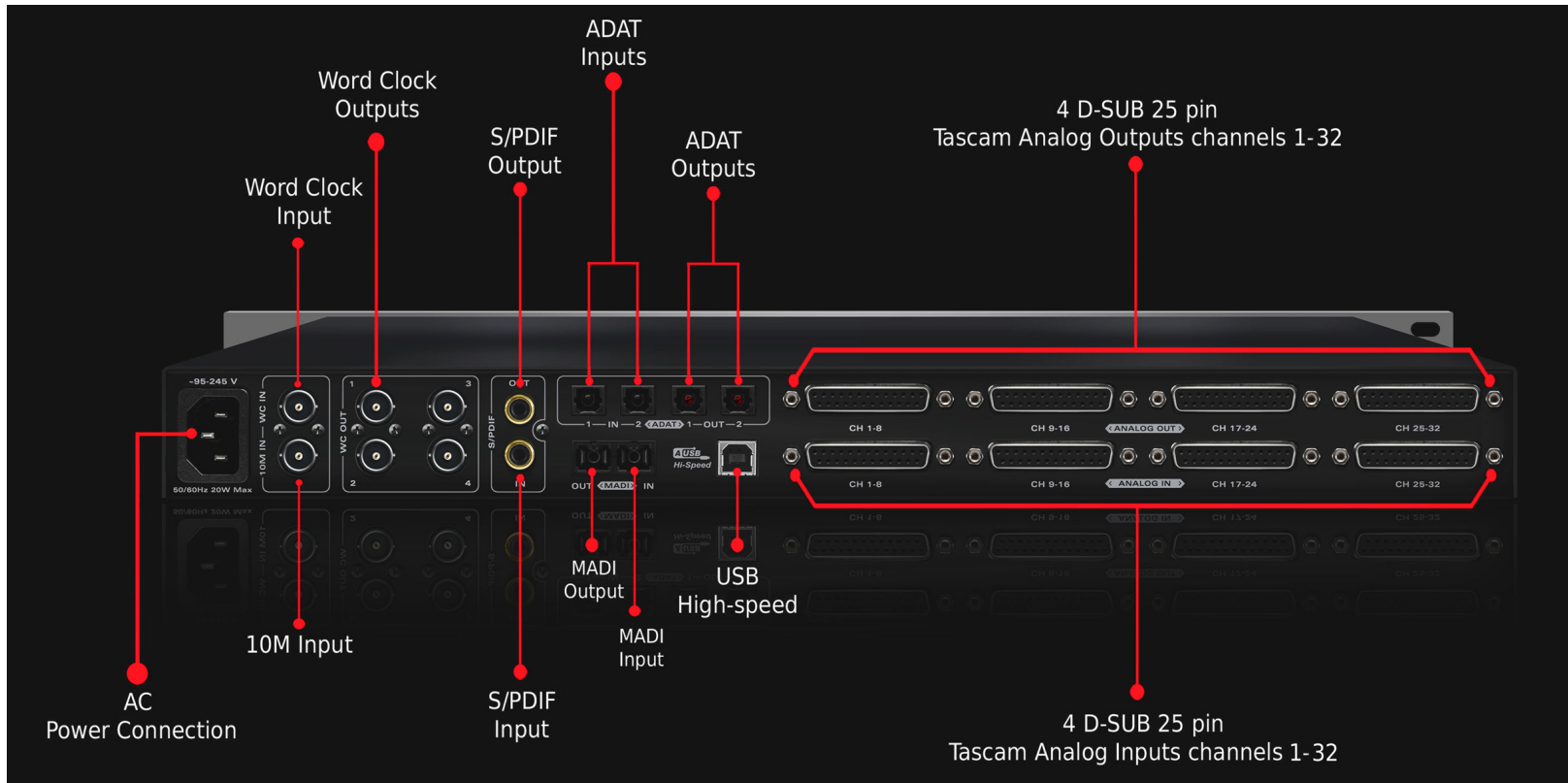
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# Antelope Audio Orion 32 (front panel)



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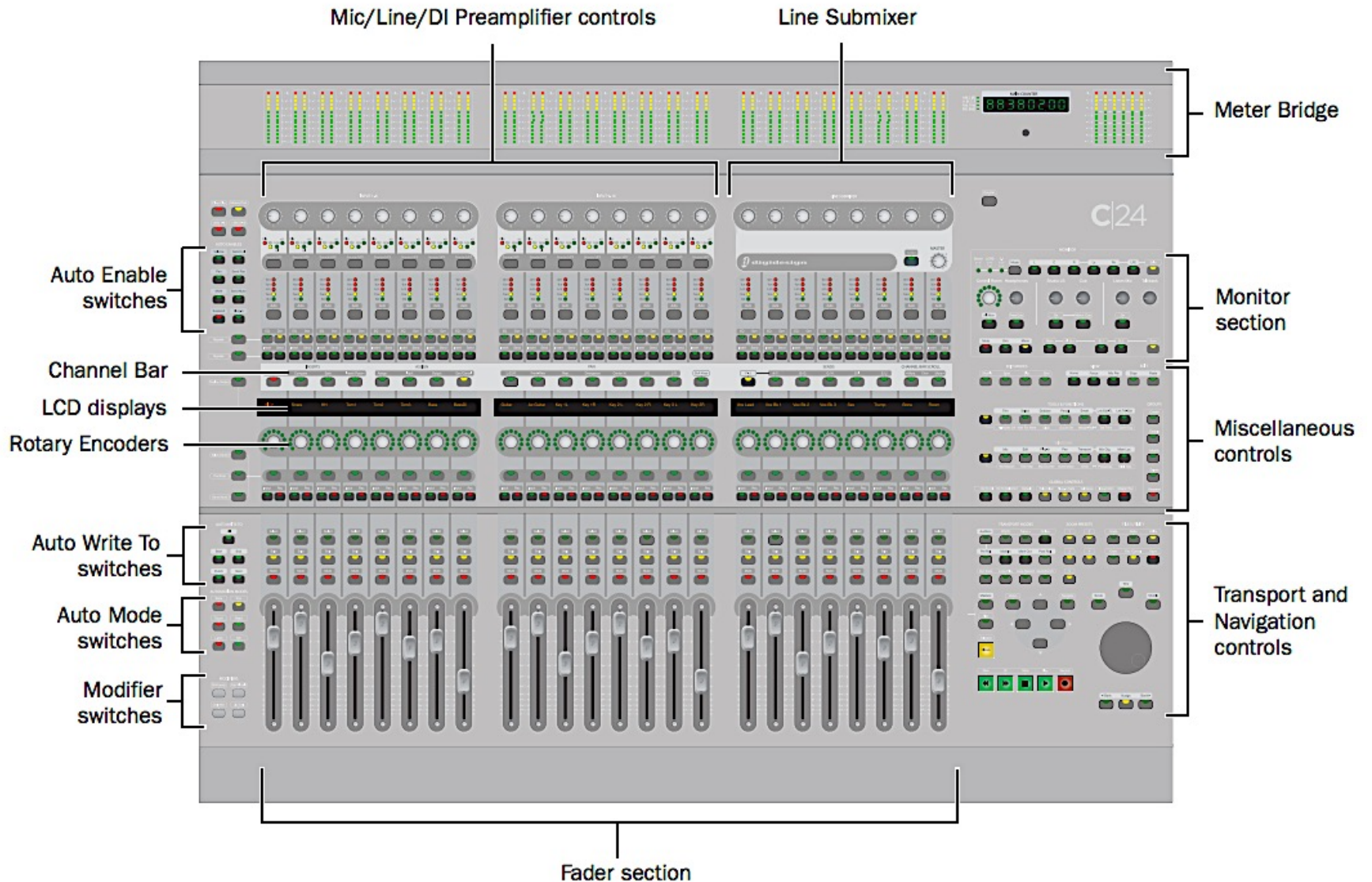
# Track sheet

NIVEL:				DIA:				HORA:			
Proyecto:						Tema:					
Inicio :   hs /        m /       s		Inicio :   hs /        m /       s		Inicio :   hs /        m /       s		Inicio :   hs /        m /       s					
Fin :        hs /        m /       s		Fin :        hs /        m /       s		Fin :        hs /        m /       s		Fin :        hs /        m /       s					
1	2	3	4	5	6	7	8				
9	10	11	12	13	14	15	16				
17	18	19	20	21	22	23	24				
<b>Observaciones:</b>											

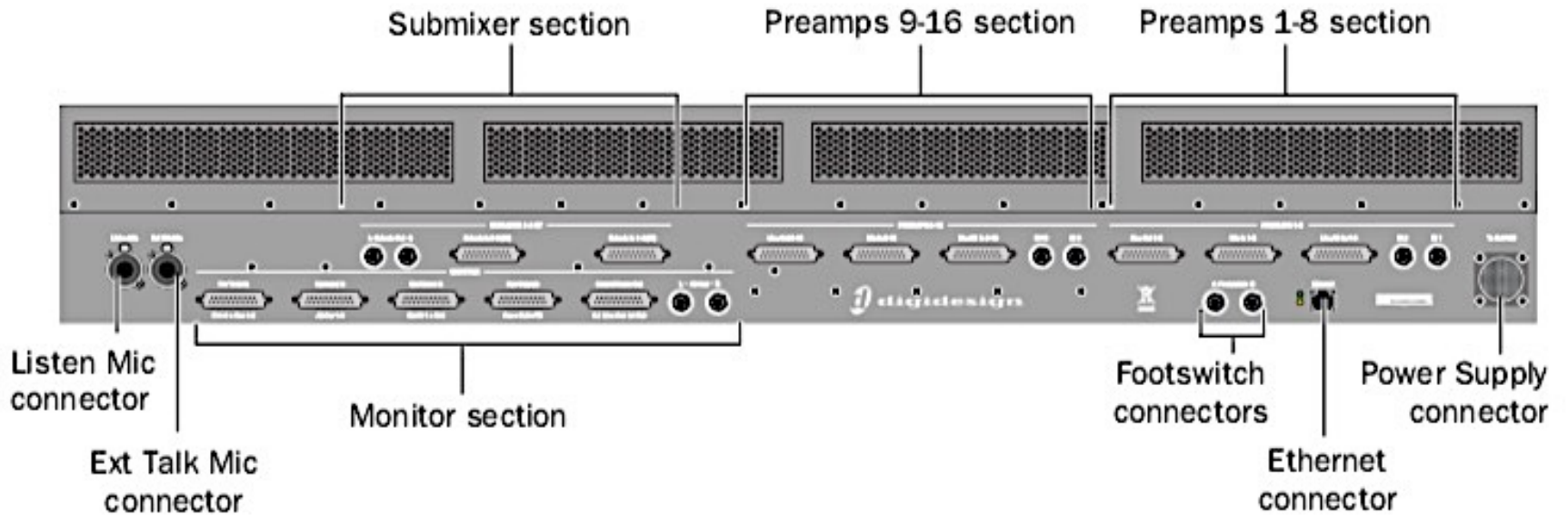


# Estudio C (Mix)

# Digidesign C|24



# Back Panel



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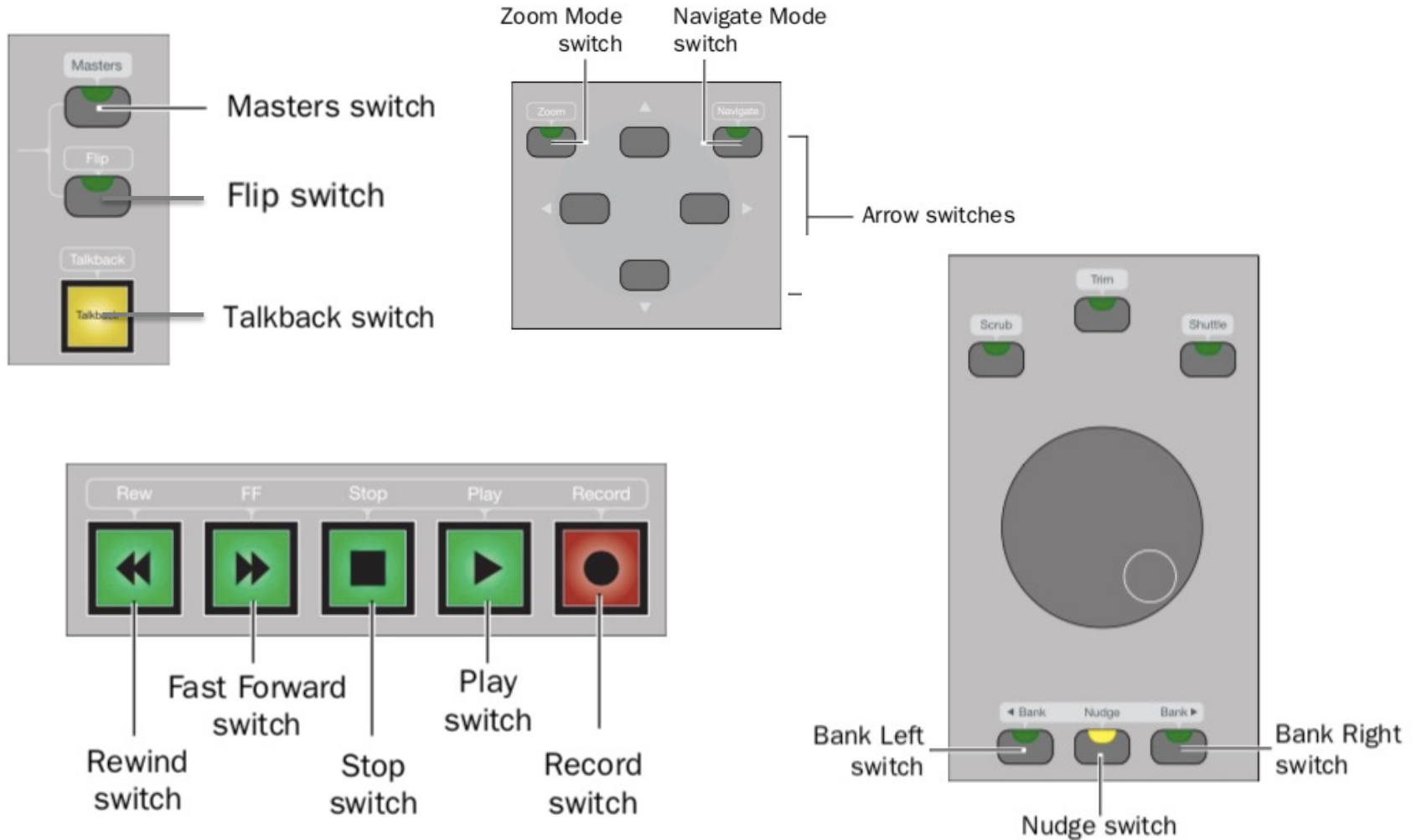








# Transport and navigation Controls



# Estudio C (Mix)

## Periféricos

# Patch bay Estudio C

MIC LINES ISO				Mic Lines cti		CUE MIX ISO		MULTS			
1	2	3	4	1	2	1	2	*	*	*	*

C 24 LINE OUTPUTS																CONTROL ROOM OUT			SUB MIX out				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	L	R	C	SL	SR	LFE	L	R

C 24 INPUTS MIC				C 24 INPUTS LINE/DI												C24 EXT in 1		C24 EXT in 2					
1	2	3	4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	L	R	L	R

C 24 SUB MIX IN								SPEAKERS													
1L	1R	2L	2R	3L	3R	4L	4R	5L	5R	6L	6R	7L	7R	8L	8R	L	R	C	SL	SR	LFE

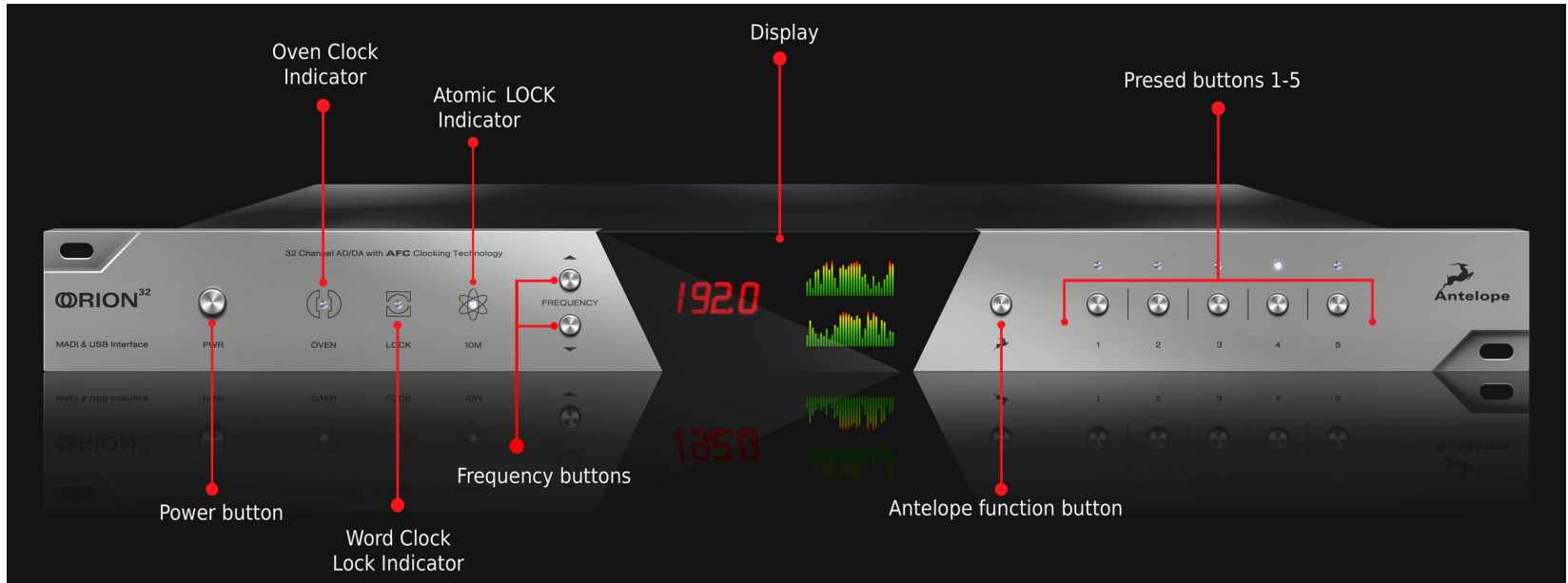
HD96 ANALOG OUTPUTS																C24 CUE OUT	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	L	R

H3000	MPX 1	PCM70	PCM70	DEP-5	ABLE EXCITER	dbx5 60	dbx5 60	dbx5 60	dbx5 30	GA 573		LA PEX	EQ53 LC	EQ53 LC	1176	Pulte c
L out	R out	L out	R out	L out	R out	L out	R out	out 1	out 2	out 3	out	out	out	out	out	out

HD96 ANALOG INPUTS																C24 MONITOR Pro Tools In					C24 CUE IN		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	L	R	C	SL	SR	LFE	L	R

H3000	MPX 1	PCM70	PCM70	DEP-5	ABLE EXCITER	dbx5 60	dbx5 60	dbx5 60	dbx5 30	GA 573		LA PEX	EQ53 LC	EQ53 LC	1176	Pulte c
L in	R in	L in	R in	in	in	L in	R in	in 1	in 2	in 3	in	in	in	in	in	in

# Antelope Audio Orion 32 (front panel)



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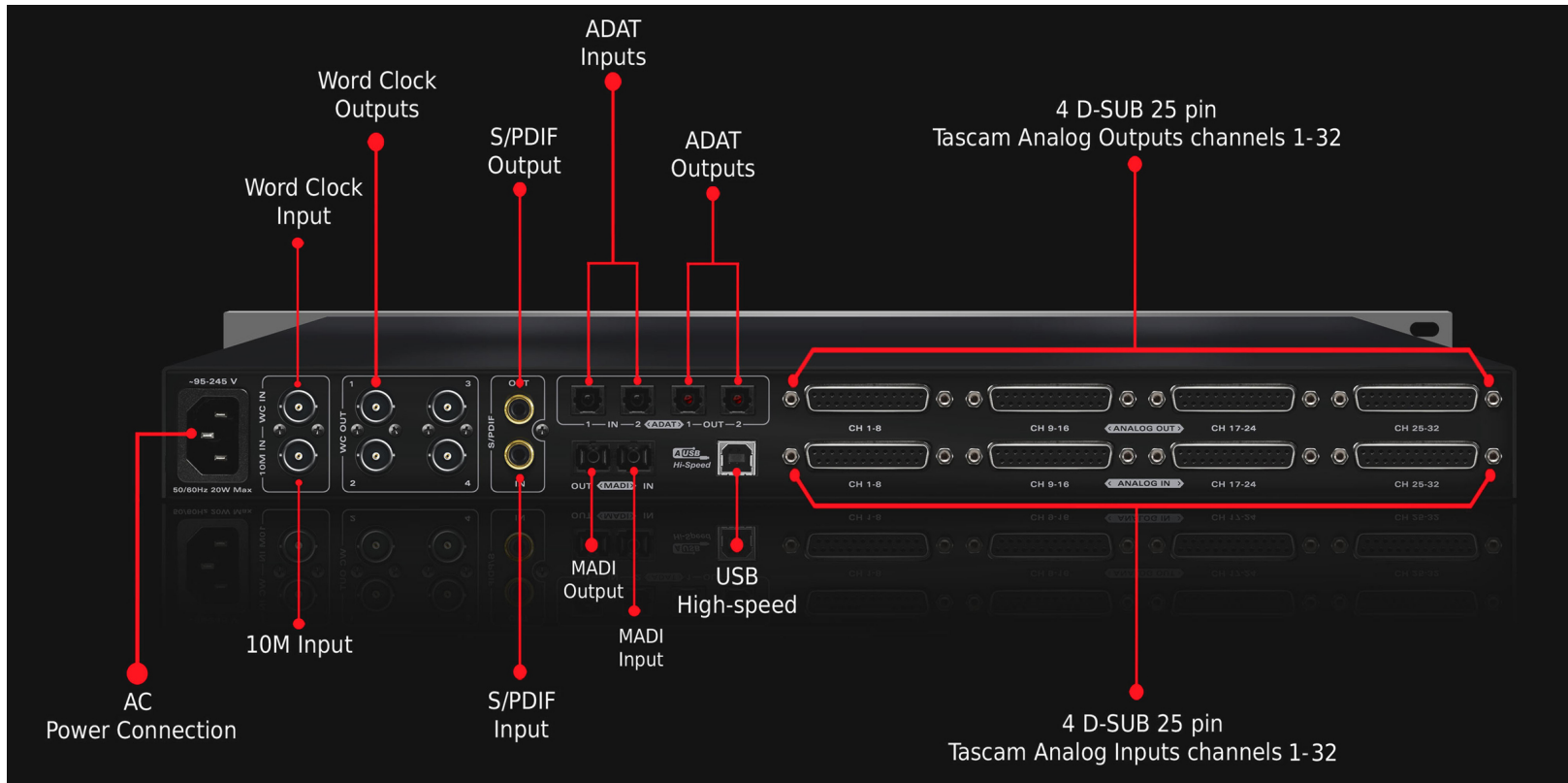
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# Antelope Audio Orion 32 (front panel)



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# Eventide H3000 Ultra-Harmonizer



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# Lexicon MPX-1 Multiple Processor FX



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## Bibliografía sugerida, niveles 3 y 4

- Modern Recording Techniques
- Total Recording
- Sound Reinforcement Handbook
- Behind the glass
- The art of mixing
- The new stereo handbook
- Técnicas de microfoneo estéreo (castellano)
- Audio digital (apunte desde la web de Tecson)
- Procesadores espaciales (apunte desde la web de Tecson)
- Mixing Engineers
- Music Business