Harman Pro Group | 2012

Q D X

Crossovers may do nothing more than direct frequencies, but the thought that went into the 223s and 234s is what really elevates the dbx* crossovers above the rest. The 223s and 234s both feature differentially balanced TRS 1/4" inputs and outputs. To prevent accidental changes of critical settings during performance (which could be disastrous), several of the 223s and 234s's controls are located on their rear panels. On the 223s, the first of these selects between stereo two-way or mono threeway operation, while on the 234s it selects between stereo two-way, stereo three-way, or mono four-way operation (the selected mode is always visible via two front panel LEDs). Also located on the back panels are switches that allow you to individually select crossover frequency ranges for both channels (again, the front panels feature LEDs to indicate when the back panel x10 switch is activated). The rear panels also allow you to mono-sum the low frequency outs. Both crossovers feature Linkwitz-Riley 24dB/octave filters-the professional standard. Each of the units' channels has a +12dB input gain control and a recessed 40 Hz low-cut (high-pass) filter for removing low frequency rumble. Both the low and high outputs on each channel have phase reverse switches (reconfigurable to operate as mute switches) and gain controls ranging from ∞ to +6 dB, allowing level matching and muting of individual outputs. The 223s and 234s give you great performance, the features you expect from professional crossovers, and the reassurance that you're buying from the company that has been making the world's finest audio gear for over 30 years.

223s/223xs STEREO 2-WAY, MONO 3-WAY CROSSOVER











- Mode switch for stereo 2-way or
- mono 3-way operation Steren/Mono status LEDs indicate the selected mode
- Low frequency summed (subwoofer)

- x10 range switch on both channels 40Hz low-cut (high-pass) filter both
- Phase reverse switch on all outputs
- Individual level controls on all outputs
- 24dB per octave Linkwitz-Rilev filters (the professional standard)
- dbx* 2 year parts and labor as
- CSA NRTL/C approved
- CE compliant

234s/234xs Stereo 2/3-Way, Mono 4-Way Crossover



- 1/4" TRS (234s) / XLR (234xs) differentially balanced inputs and outputs
- Mode switches for mono 4-way or stereo 2-way/3-way operation
- Low frequency summed (subwoofer)
- x10 range switch on both channels
- 40Hz low-cut (high-pass) filter both
- Phase reverse switch on all outnuts
- Individual level controls on all hand
- (the professional standard)
- dhx* 2 year narts and lahor as
- CSA NRTL/C approved
- CE compliant

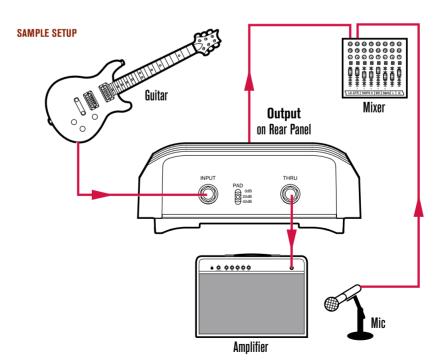
Premium Direct Boxes

dB10 Passive | dB12 Active



At dbx, when we do something, we do it right. So when we decided to create our new direct injection boxes, we didn't settle for the same old tired approach to direct box design. With our dbx name on the line, how could we? One look at our new dB10 Passive and dB12 Active direct boxes will tell you that these are clearly different. With their bullet-proof construction, and extraordinary audio performance to rival their looks, finally there's a direct box worthy of the dbx name.

Utilizing custom dbx mu-metal-shielded audio transformers, high-quality Neutrik® connectors, and low-noise circuitry preserves the sonic integrity and true characteristics of the signal source. Both boxes include a pad switch that accomodates instrument, line and even speaker level signals. Take even more control of your sound by utilizing the polarity invert switch to set the phase relationship between the direct and mic'd sound.



- Premium performance
- Rugged attractive design
- Stackable chassis w/durable rubber base
- Gold-plated Neutrik® XLR connector
- Recessed chrome toggle switches
- Transformer isolated
- Premium shielded custom dbx transformer
- Hi-Z 1/4" input iack
- Parallel 1/4" thru iack
- Balanced XLR Lo-Z output
- Handles instrument/line/speaker levels
- Flat/high-cut filter switch
- Output polarity invert switch
- Ground lift switch
- 5 year U.S. warranty!

"When you wanna do it right...dbx it."

- Bart Leggiero
- -Via Facehook

■ 24dB per octave Linkwitz-Riley filters

- selected mode

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D X HARMAN

2012

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AFS® 224

ADVANCED FEEDBACK SUPPRESSION PROCESSOR

The AFS 224 Advanced Feedback Suppression

- dbx's Patented (Advanced Feedback) Suppression) AFS technology
- 24 Programmable Filters per Channel
- Stereo or Dual Independent Channel Processing
- Live and Fixed Filter Modes
- Selectable Filter Lift Times
- Application-specific filter types include: Speech and Music Low. Med and High
- Input channel Metering
- 24 LED per Channel Filter Metering
- XLR and 1/4" TRS Inputs and Outputs

that offers up to 24 filters per channel with processor has been designed to provide statefilter Qs as narrow 1/80 of an octave. With of-the-art feedback elimination processing, while maintaining a simple and intuitive such narrow filter Os, the AFS 224 is able to control interface. The AFS 224 utilizes a remove unwanted feedback, while preserving no-nonsense user interface providing all the the sonic integrity with precision and accuracy. processing and control necessary for both To achieve these staggering numbers, dbx installation and live use while the AFS is an utilized their patented AFS technology that absolute must for any live sound application. had previously only been available in the upper Ten and twelve filter-per-channel feedback echelon of dbx products and made it available elimination processors have become the de in this stand-alone processor. In addition to facto standard, but the engineering staff at the plethora of feedback suppression filters dbx® have never been content residing in available, the AFS 224 also offers selectable the neighborhood of the status quo. So, to modes, live filter lift, and multiple types of filtration. raise the bar once again, they developed a

dedicated feedback suppression processor

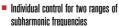


"dbx - the only choice

- Seth Zirin

when every db counts!"

-Via Facehook



(including synthesis) or high frequency-only.

- Separate Low Frequency Boost Circuit
- Separate Subwoofer Output

120A

SUBHARMONIC SYNTHESIZER

- 1/4" Balanced inputs and outputs
- RCA Input Connectors
- Front panel LEDs that show crossover status and synthesis activity

Unlike other attempts at bass synthesis, the 120A's patented subharmonic synthesis process

information-even at maximum levels. The result is unmatched low-end punch at levels that won't

destroy your system. In fact, the 120A is optimized to allow audio professionals to get the most

out of their high-performance, low frequency speaker systems, and includes both a subwoofer output (with its own level control) and main outputs that can be configured as either full-range

produces smooth, musical low frequencies that don't interfere with mid- or high-band

- Patented circuitry ensures that mid and high frequencies are not affected
- Built-in crossover with choice of 80Hz or 120Hz crossover point
- Enhance bass audio material for use in a variety of professional applications such as:
- Nightclub and dance mixing
- DJ Mixina
- Theater and Film Sound
- Music Recording
- Live Music Performance
- Broadcasting



286s

MIC PREAMP PROCESSOR

The dbx® 286s's Mic Preamp and Five processors can be used independently or in any combination. Why mic up vocals and instruments through a noisy, blurry mixer? The dbx 286s's sonically pristine Mic Preamp has all the features you need, including wide-ranging input gain control, switchable 48V phantom power and an 80Hz high-pass filter. Use the 286s's newly designed and patented OverEasy® Compressor to transparently smooth out uneven acoustic tracks or deliver that classic "in your face" rock vocal. Take out vocal sibilance and high frequency distortion in cymbals with the 286s's frequency tunable De-Esser. Fine-tune the Enhancer's HF Detail control to add sparkle and crispness to tracks. LF Detail control adds fullness and depth to vocals and bass instruments while simultaneously cleaning up muddy low midrange frequencies. And, the Expander/Gate's separate threshold and ratio controls allow you to subtly reduce headphone

leakage or radically gate noisy guitar amps.

The dbx 286s's full complement of metering and status LEDs visually guide you to achieving the right sound. The floating balanced XLR mic input accepts balanced or unbalanced inputs. An additional 1/4" TRS phone jack can accept balanced/unbalanced line signals to process live electronic instruments or pre-recorded tracks at mixdown. An insert jack between the 286s's Mic Preamp and signal processing sections can be used to "loop out" to external processors (such as EQ) or to mix the Mic Preamp's signal out to an external destination.

The cost and hassle of patching together multiple processors for use on one track can be frustrating. The dbx 286s gives you all the tools you'll need in one box, with the shortest signal path to help keep your music sounding clean.

■ dbx® standard internal power supply

- Frequency control for De-Esser
- Expanded meter to show heavy De-Essina
- Above/Below threshold indicator for gate
- +48VDC Phantom Power
- Precision detented controls

PR-48

PATCH BAY

The PB-48 patchbay features 48 front panel and 48 rear panel patch points, with 24 useradjustable board assemblies that can be configured-without soldering or wire cutting-for halfnormalled or de-normalled operation. Rugged and noise-free, the PB-48 is designed to serve all your patchbay needs. Whether you want clear and easy access to your mixer and studio gear, reduced wear on your equipment's jacks, or the ability to quickly re-route devices within your setup, the PB-48's balanced TRS and unbalanced TS 1/4" plugs pave the way.



by HARMAN

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Harman Pro

										Graphic EQs
99	S	9	2	=	=	2	=	EQ15	E031	and pino ago
1318	2158	2318	1215	1231	2031	2215	2231	量	單	INPUTS/OUTPUTS
			•	•	•	•	•			Connectors: 1/4" TRS, XLR (pin 2 hot), and barrier terminal strip
-	•	•				-		•	•	Connectors: 1/4" TRS, XLR (pin 2 hot), and Euroblock Connectors: 1/4" TRS, XLR (pin 2 hot)
·	•	•	•	•	•		•	•	•	Type: Electronically balanced/unbalanced, RF filtered
•	•	•	•	•	•	•	•	•	•	Input Impedance: Balanced 40k , unbalanced 20k
•	•	•	•	•	•	•	•	+22dBu	+22dBu	Maximum Input Level: >+21dBu balanced or unbalanced
•	•	٠	•	•	•	٠	•	٠	•	CMRR: >40dB, typically >55dB at 1kHz
			•	•	•	٠	•		•	Output Impedance: Electronically balanced 200 , unbalanced 100
-	•					_		•	•	Output Impedance: Electronically balanced 120 , unbalanced 60 Output Impedance: balanced 100 , unbalanced 50
+21dBu	>+21dBu		>+21dBu	>+21dBu	>+21dBu	>+21dBu	>+21dBu	>+20dBu	>+20dBu	Maximum Output Level
										SYSTEM PERFORMANCE
•	•	•	•	•	•	•	•	•	•	Bandwidth: 20Hz to 20kHz, +/-0.5dB
•	•	•	•	•	•	•	•	•	•	Frequency Response: <10Hz to >50kHz , +0.5/-3dB
•	•	٠	•	•				•	•	THD + Noise: <0.004%, at +4dBu 1kHz
-					•	÷	•		•	THD + Noise: <0.04%, 0.02% typical at +4dBu, 1kHz Interchannel Crosstalk: <-80dB, 20Hz to 20kHz
÷	÷	÷		•	•	·	•	•	•	Dynamic Range: >108dB, unweighted 22kHz measurement bandwidth
·	•	·								Signal to Noise Ratio: 90dB
			•	•	•	•	•			Dynamic Range: >112dB, unweighted
			•	•	•	•	•			Signal to Noise: >94dB, unweighted, ref. : +4dBu, 22kHz measurement bandwidth
					•	•	•			Dynamic Range: 108dB
					•	•	•			Signal to Noise Ratio: 90dB
					•	٠	•		•	Noise Reduction: Up to 20dB of dynamic broadband noise reduction
								·	•	Noise Reduction: Up to 10dB of dynamic broadband noise reduction Noise Reduction In (+/-6dB and +/-15dB range)
					•	•	•			Dynamic Range: >120dB , unweighted
					•	•	•			Signal to Noise Ratio: >102dB, unweighted , ref: +4dBu, 22kHz measurement bandwidth
			•	•						Dynamic Range: 109dB 115dB
			•	•	•	•	•			Signal to Noise: >94dB, unweighted, ref. : +4dBu, 22kHz measurement bandwidth
						_		•	•	Digital Resolution: 24 bits
_						_		÷	÷	Sample Frequency: 48kHz Latency: 2msec
										FUNCTION SWITCHES
								•	•	AFS: Activates dbx AFS" Advanced Feedback Suppression
								•	•	Type V: Activates dbx Type V [™] Noise Reduction
					•	•	•			Type III: Activates dbx Type III" Noise Reduction
•	•	٠	•	•	•	•	•	•	•	EQ Bypass: Bypasses the graphic equalizer section in the signal path
			•	•	•	٠	•	•	•	Low Cut: (recessed): Active the 40Hz 18dB/octave Bessel high-pass filter Low Cut: Active the 50Hz 12dB/octave high-pass filter
·	•	•	•	•	•		•	•	•	Range: (recessed) Selects either +/-6dB or +/- 15dB slider boost/cut range
•	•	•								Range: Selects either +/-6dB or +/- 12dB slider boost/cut range
										INDICATORS
•	•	•	•	•	•	•	•	•	•	4-LED bar graph (Green, Green, Yellow, Red) at -10, 0, +10, and +18dBu
					•	•	•	٠	٠	Gain Reduction Meter: 4-LED bar graph (all Red) at 3, 6, and 10dB
					•	٠	•			Type III NR Active: Yellow LED
_								•	•	Type V" NR Active: Yellow, Green, Red LED AFS" Advanced Feedback Suppression Active: Red LED
-					•		•	÷	÷	EQ Bypass: Red LED
÷	÷	÷	•	÷	•	÷	•	÷	÷	Clip: Red LED
•	•	•	•	•	•	•	•	•	•	Low Cut Active: Red LED
			•	•	•	•	•			+/-6dB range: Red LED
•	•	•								+/-12dB range: Red LED
			•	•	•	•	•	٠	•	+/-15dB range: Red LED
•	•		•		•		•			POWER SUPPLY Operating Voltage: 100VAC 50/60Hz, 120VAC 60Hz - 230VAC 50/60Hz
12 w	12 w	15 w		24 w		24 w	24 w	17 w	17 w	Power Consumption: (watts)
12 W	12 W	15 W	24 W	24 W	12 W	24 W	24 W	1/ W	1/ W	Mains Connection: IEC receptacle
1.75"x	1.75"x	3.5"x	3.5"x	5.25"x	3.5"x	3.5"x	5.25"x	3.5"x	5.25"x	DIMENSIONS: H x W x D
19"x6"	19"x6"	19"x6"	19"x7.9"							

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Harman Pro Group

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Compressors/Limiters/Gates INPUTS | Impedance: Balanced/Unbalanced (ohms) | Impedance: Balanced or Unbalanced | Impedance: Balanced | Impedance: Balance Stereo Coupling; True RMS Power Summing COMPRESSOR Threshold Range: -40 dBu to +20 dBu Threshold Range: -40 dBu to +30 dBu Ratio: 1:1 to =1 Threshold Characteristic: Selectable OverEasy* or hard knee Attack/Release: Selectable manual or auto Attack/Release: Auto

				Crossovers			
				0.00001010			
223s	223xs	234s	234xs	INPUTS			
1/4" TRS	XLR	1/4" TRS	XLR	Connectors			
•	•	•	•	Type: Electronically balanced/unbalanced. RF filtered			
•	•	•	•	Impedance: Balanced > 50 k , unbalanced > 25 k			
•	•	•	•	Max Input Level: > +21 dBu balanced or unbalanced			
•	•	•	•	HAX TIPUL LEVEL - YET UN DEBRINGED IN TURBURINGED			
				OUTPUTS			
1/4" TRS	XLR	1/4" TRS	XLR	Connectors:			
•	•	•	•	Impedance: Balanced 200 , unbalanced 100			
•	•	•	•	Electronically balanced/unbalanced, RF filtered			
•	•	•	•	Max Output Level: > +21 dBu balanced/unbalanced into 2 k or greater			
				SYSTEM PERFORMANCE			
•	•	•	•	Bandwidth: 20 Hz to 20 kHz, +0/-0.5 dB			
•	•	•	•	Frequency Response: < 3 Hz to > 90 kHz, +0/-3 dB			
•	•	•	•	Signal-to-Noise: Ref: +4 dBu, 22 kHz measurement bandwidth			
	•			Low Output: > 94 dB (Stereo Mode) > 94 dB (Mono Mode)			
		•	•	Low Mid Output: >94 dB (Mono Mode)			
		٠	•	High-Mid: > 92 dB (Mono Mode)			
_ •	•	٠	•	Mid Output: > 93 dB (Mono Mode)			
		•	•	High-Mid Output: > 92 dB			
•	•	•	•	High Output: > 92 dB (Stereo Mode) > 92 dB (Mono Mode)			
_ •	•	•	•	Dynamic Range: > 114 dB, unweighted, any output			
_ •	•	•	•	THD+Noise: < 0.004% at +4 dBu, 1 kHz, < 0.04% at +20 dBu, 1 kHz			
_ •	•	٠	•	Interchannel Crosstalk: < -80 dB, 20 Hz to 20 kHz			
				CROSSOVER FREQUENCIES			
•	•	•	•	Stereo Mode: Low/High: 45 to 960 Hz or 450 Hz to 9.6 kHz (x10 setting)			
				Mono Mode: Low/Mid: 45 to 960 Hz or 450 Hz to 9.6 kHz (x10 setting)			
				Mid/High: 45 to 960 Hz or 450 Hz to 9.6 kHz (x10 setting)			
				Filter Type: Linkwitz-Riley, 24 dB/octave, state-variable			
				POWER			
•	•	•	•	Operating Voltage: 100 VAC 50/60 Hz; 120 VAC 60 Hz, 230 VAC50 HZ			
	15 w			Power Requirements (watts)			
		1.75"x		DIMENSIONS H x Wx D			
19"x 6.9"	19"x 6.9"	19"x 6.9"	19"x 6.9"				
0.9	0.9	0.9	0.9				

24	Digital Signal Processors							
AFS224	INPUTS							
X,T	Connectors: X=XLR, T=TRS 1/4"							
•	Type: Electronically balanced/unbalanced, RF filtered							
50k/25k	Impedance: Balanced/Unbalanced (ohms)							
+20dBu	Max Input Level: balanced or unbalanced							
•	CMRR: >40dB at 1kHz, typically >55dB @1kHz							
	OUTPUTS							
X,T	Connectors: X=XLR, T=TRS 1/4"							
•	Type: Electronically balanced/unbalanced, RF filtered							
•	Balanced: 120 /Unbalanced: 60							
•	Max Output Level: +20dBu							
	A/D SYSTEM PERFORMANCE							
•	A-D Conversion: 24-Bit dbx Type IV" Conversion System							
•	Converter Dynamic Range: >113dB typical, A-weighted,							
	>110 dB typical, unweighted, 22kHz bandwidth							
	Type IV" Dynamic Range: Up to 127dB with transient material,							
	A-weighted, 22kHz bandwidth							
	Up to 125dB with transient material, unweighted, 22kHz bandwidth							
	Typically 119dB with program material, A-weighted, 22kHz bandwidth							
	Typically 117 dB with program material, unweighted,							
	22kHz bandwidth							
•	Frequency Response: 20Hz to 20kHz, +0/-0.5dB							
•	Interchannel Crosstalk: <-80dB at 1kHz, input gain at 0dB							
	D/A SYSTEM PERFORMANCE							
•	D-A Conversion: 24-Bit							
•	Dynamic Range: 112dB typical, A-weighted, 22kHz bandwidth,							
	109dB typical, unweighted, 22kHz bandwidth							
•	THD+ Noise: 0.003% typical at +4 dBu, 1 kHz, input gain at OdB							
•	Frequency Response: 20Hz to 20kHz, +0/-0.5dB							
•	Interchannel Crosstalk: <-80dB at 1kHz, input gain at 0dB							
1.75"x	DIMENSIONS: H x W x D							
19"y								

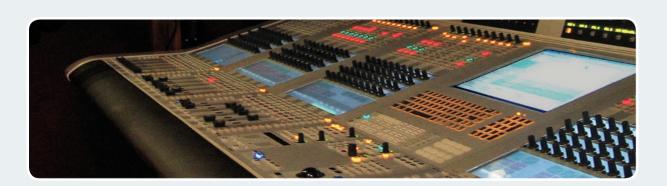
		Direct Boxes
0	~	Direct Deves
dB10	픋	
Р	A	Circuit Type: A=Active, P=Passive
		INPUTS
1	1	Number of Connectors: Instrument/line/speaker level
•	•	1/4" TS Connection (Tip Hot, Sleeve GND)
•	•	Unbalanced, RF Filtered
•	•	Attenuation Pad: Switchable 0, 20, 40 dB
•	•	Filter: Switchable, Low Pass @ 6 kHz (40 dB pad position only)
+33dBu	+10dBu	Max Input Level (0 dB Pad)
+33dBu	+30dBu	Max Input Level (20 dB Pad)
+33dBu	+33dBu	Max Input Level (40 dB Pad)
80k	1M	Input Impedance (0 dB)
65k	65k	Input Impedance (-20 dB)
70k	70k	Input Impedance (-40 dB)
		OUTPUTS
•	•	Main Output: Male XLR Balanced, Pin 2 Hot
•	•	Thru Output: 1/4" Unbalanced, TS (Tip Hot, Sleeve GND)
•	•	Main Output Impedance: 600 Typical, balanced
•		Main Output CMRR: 128 dB typical @ 60 Hz,
		104 dB typical @ 1 kHz, 98 dB typical @ 10 Hz
	•	Main Output CMRR: 106 dB typical @ 60 Hz,
		123 dB typical @ 1 kHz, 108 dB typical @ 10Hz
		PERFORMANCE
•		Bandwidth: 20 Hz to 20 kHz +/-0.1 dB typical
	•	Bandwidth: 20 Hz to 20 kHz +0/-2 typical with 600 load
•		Frequency Response: <10 Hz to 80 kHz, -3 dB
	•	Frequency Response: 10 Hz to 70 kHz, -3 dB
		with 2 k or higher load
•		Insertion Loss: 21 dB typical
	•	Insertion Loss: 1 dB typical
•		Harmonic Distortion: (THD+N) 0.002% typical @ 1 Hz, 0dBu
•	•	Harmonic Distortion: (THD+N) 0.003% typical @ 1 Hz, 0dBu
•	•	Noise Floor: -120 dBu, 22 Hz to 22 kHz, unweighted
	•	Noise Floor: -112 dBu, 22 Hz to 22 kHz, unweighted
•		Dynamic Range: 153 dB, 22 Hz to 22 kHz, unweighted
	-	Dynamic Range: 122 dB, 22 Hz to 22 kHz, unweighted
		POWER SUPPLY Voltage: +48 V Phantom Power
	-:-	
		Current: < 8 mA
2.20" x 5.44"x		DIMENSIONS. AXW X D
5.82"	5.44 X 5.82"	

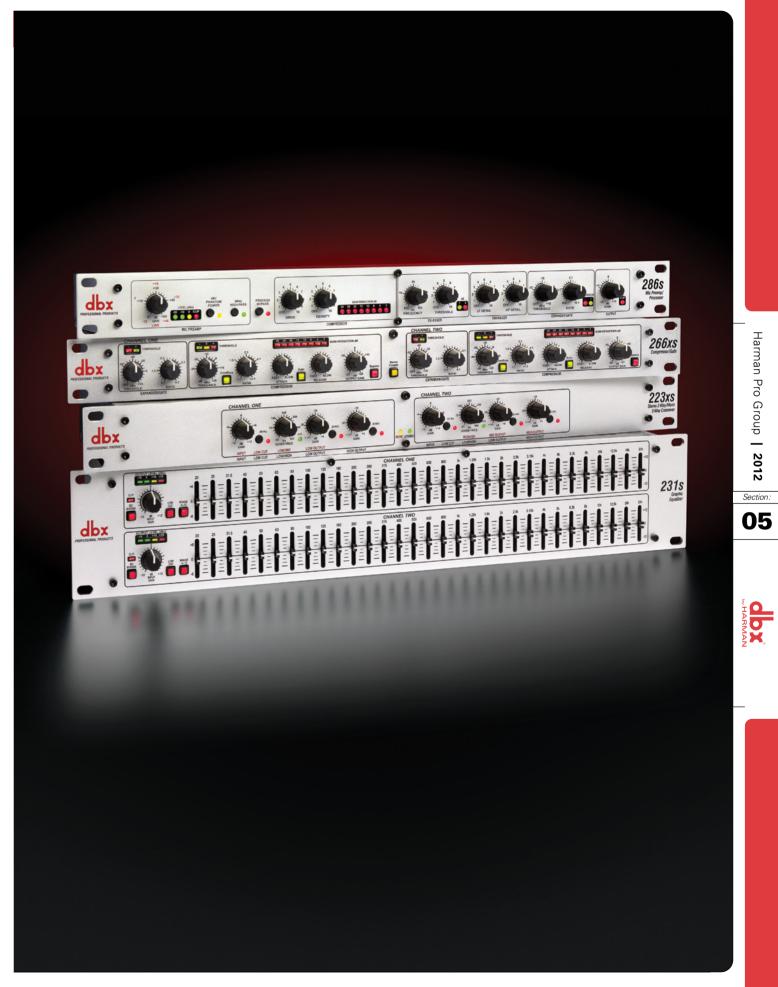


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DX ARMAN

			Mic Preamps & Channel Strips
		A	The second secon
386	376	286A	MICROPHONE INPUT
•	•	•	Connector: Female XLR Pin 2 Hot
•	•	•	Type: Electronically balanced /unbalanced
		•	Maximum Input Level: -10dBu or +10 dBu with 20dB pad engaged
•	•		Maximum Input Level: -9 dBu or +11 dBu with 20 dB pad engaged
		•	Gain Adjustment Range: +10dB to +60dB
•	•		Gain Adjustment Range: +30dB to +60dB
_48V	48V	48V	Phantom Power
•	•	400	Pad: 20dB
-120	-120	-120	Equivalent Input Noise: Typically -(dBu) typical with a 150 source load "A-weighted" LINE INPUT
•	•	•	Connector: TRS ¼* Jack
-	•		Type: Electronically Balanced/unbalanced
20k-40k		100k	Type: Lectromaxy defanced in the state of th
20K-40K	LUK-4UK	1004	Maximum Input Level: 0 dBu or +20dBu with 20dB pad engaged
•		•	Maximum Input Level: +21dBu balanced or unbalanced
	•		Maximum Input Level: +18dBu balanced or unbalanced
			INSTRUMENT INPUT (Front Panel)
•	•		Connector: TS '4." Jack
•	•		Type: Unbalanced
•	•		Impedance: 470 k
+21dBu	+18dBu	+21dBu	Maximum Input Level (unbalanced)
•			Insert Connector: TRS ¼"
•			Type: Unbalanced
			LINE OUTPUT
•	•	•	Connector: Male XLR Pin 2 Hot and impedance balanced TRS 4"
		•	Connector: "4" TRS phone balanced/unbalanced
•	•	•	Type: Electronically balanced
			Type: transformer balanced/unbalanced
>21	>18	>21	Maximum Output Level: (XLR) +dBu
			DIGITAL OUTPUTS
•	•		Connectors: XLR for AES/EBU, RCA for S/PDIF l = both connector types
TS	•	•	INSERT Connector: TRS ¼"
13	•		Connector: rts %
		•	Ning Imperance. 75K
			Marking Ceret Przudu Mord Spine Input/Output
•	•		Fornectors: BNC
•	•		Input Impedance: 75 terminated by internal jumper
•	•		Input: 96, 88.2, 48, or 44.1kHz word clock
•	•		Output: 96, 88.2, 48, or 44.1kHz word clock
			A/D CONVERSION
•	•		Type: dbx Type IV° A/D Conversion System
•	•		Sample Rate: 96, 88.2, 48, or 44.1kHz selectable
•	•		Wordlength: 24, 20, or 16 bit selectable
•	•		Dither Type: TPDF, SNR2, or none
•	•		Noise Shape: Shape 1, Shape 2, or none
•	•		Output Format: S/PDIF or AES/EBU
107dB	107dB		Converter Dynamic Range: typical, A-Weighted, 22kHz Bandwidth
			D/A CONVERSION
_	•		D-A (Conversion 24-bit
	<u>:</u>		Dynamic Range: 103 dB typical, A-weighted, 20 kHz bandwidth, 101 dB typical, unweighted, 20 kHz bandwidth
	÷		THD+Noise: 0.002% typical at +4 dBu, 1 kHz, output gain at 0 dB Frequency Response: 20 Hz to 20 kHz, +0/-0.5 dB
_	÷		
_	•		Interchannel Crosstalk: < -85 dB at 1 kHz, output gain at 0 dB DIMENSIONS
1.75"	1 75"	1.75%	DIMENSIONS HXWXD
1.75"x 19"x	1.75"x 19"x	1.75"x 19"x	HADAD
7.75"	7.75"	5.75"	
_			





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