

EV HP Horns
EV Dx34A Digital Parameters

Loudspeaker System		HP1240 DH1A, ND1 Drivers			HP940 DH1A, ND1 Drivers			HP640 DH1A, ND1 Drivers			HP640 DH1A, ND1 Drivers		
Notes	Un-hide cells for revision history and specific system notes.	*Equivalent to EQ S for XEQ-3 analog crossover from EV. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.			*Equivalent to EQ R for XEQ-3 analog crossover from EV. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.			*Equivalent to EQ T for XEQ-3 analog crossover from EV. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.			*Equivalent to EQ V for XEQ-3 analog crossover from EV. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.		
Programmer: 1st Rev. - Last Rev.		FD: 06/17/86 DEC: 07/12/99			FD: 06/17/86 DEC: 07/12/99			FD: 06/17/86 DEC: 07/12/99			FD: 06/17/86 DEC: 07/12/99		
Dx34A Program Title		HP1240			HP940			HP640			HP420		
Dx34A Configuration		2-Way			2-Way			2-Way			2-Way		
Frequency Band		FR	LF	HF	FR	LF	HF	FR	LF	HF	FR	LF	HF
Dx34A Output		1&2/3&4	1/3	2/4	1&2/3&4	1/3	2/4	1&2/3&4	1/3	2/4	1&2/3&4	1/3	2/4
Edit Menu	Input Master Delay (mS)	2.0			2.0			2.0			2.0		
	Input Master PEQ Freq (Hz)	1000			1000			1000			1000		
	Input Master PEQ Q (Q)	1.0			1.0			1.0			1.0		
	Input Master PEQ Gain (dB)	0			0			0			0		
	Low-Cut Freq (Hz)		40			40			40			40	
	Low-Cut Slope (dB/Oct)		12			12			12			12	
	Low-Cut Q (Q)		.7			.7			.7			.7	
	LSF Freq. (Hz)		125			125			125			125	
	LSF Slope (dB/Oct)		6			6			6			6	
	LSF Gain (dB)		0			0			0			0	
	HPF Freq. (Hz)			800			800			800			800
	HPF Resp. (Type-dB/Oct)			LR24			LR24			LR24			LR24
	PEQ1 Freq. (Hz)		40	2600		40	2500		40	2400		40	3200
	PEQ1 Q (Q)		2.9	.80		2.9	.70		2.9	.60		2.9	.90
	PEQ1 Gain (dB)		0	-7.0		0	-7.0		0	-4.0		0	-7.0
	PEQ2 Freq. (Hz)			14800			14800			14800			14800
	PEQ2 Q (Q)			.90			.90			1.0			1.0
	PEQ2 Gain (dB)			+5.0			+9.0			+10.0			+12.0
	LPF Freq. (Hz)		800			800			800			800	
	LPF Resp. (Type-dB/Oct)		LR24			LR24			LR24			LR24	
HSF Freq. (Hz)			10000			10000			10000			10000	
HSF Slope (dB/Oct)			6			6			6			6	
HSF Gain (dB)			0			0			0			0	
Output Align Delay (uS)		800	0		800	0		800	0		800	0	
Polarity (Normal, Invert)		Norm	Norm		Norm	Norm		Norm	Norm		Norm	Norm	
Digital Output Gain (dB)		+3.0	-2.0		+3.0	-2.0		+3.0	-5.0		+3.0	-3.0	
Limiter Thresh. (dBu)		+21.0	+21.0		+21.0	+21.0		+21.0	+21.0		+21.0	+21.0	
Limiter Decay (dB/mS)		50	50		50	50		50	50		50	50	
Limiter Hold (mS)		5	5		5	5		5	5		5	5	
Channel 1 Mode (L,R,L+R)													
Channel 4 Mode (L,R,L+R)													
Knob	Output Knobs (dB)		0	0		0	0		0	0		0	0
	Input Knob (dB)		0			0			0			0	
Options	2-Way L-R Mode	Select Link or Independent			Select Link or Independent			Select Link or Independent			Select Link or Independent		
	Delay Units	uSec			uSec			uSec			uSec		
	Limiter Thresh. Reference	dBu (0dBu=-.775v)			dBu (0dBu=-.775v)			dBu (0dBu=-.775v)			dBu (0dBu=-.775v)		
	VU Display	No Peak (dB from clip)			No Peak (dB from clip)			No Peak (dB from clip)			No Peak (dB from clip)		

EV HP Horns
EV Dx34A Digital Parameters

Loudspeaker System		HP9040			HP6040			HP4020		
Notes		DH1A, ND1 Drivers			DH1A, ND1 Drivers			DH1A, ND1 Drivers		
Un-hide cells for revision history and specific system notes.		*Equivalent to EQ U for XEQ-3 analog crossover from EV. *Same for HP9040, 6040 & 4020. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.			*Equivalent to EQ U for XEQ-3 analog crossover from EV. *Same for HP9040, 6040 & 4020. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.			*Equivalent to EQ U for XEQ-3 analog crossover from EV. *Same for HP9040, 6040 & 4020. *Crossover frequency may be raised but not lowered. *Adjust HF gain to match specific LF woofer system. *LF settings are generic woofer settings and should be optimized for the specific woofer used.		
Programmer: 1st Rev. - Last Rev.		FD: 06/17/86 DEC: 07/12/99			FD: 06/17/86 DEC: 07/12/99			FD: 06/17/86 DEC: 07/12/99		
Dx34A Program Title		HP1240			HP1240			HP1240		
Dx34A Configuration		2-Way			2-Way			2-Way		
Frequency Band		FR	LF	HF	FR	LF	HF	FR	LF	HF
Dx34A Output		1&2/3&4	1/3	2/4	1&2/3&4	1/3	2/4	1&2/3&4	1/3	2/4
Edit Menu	Input Master Delay (mS)	2.0			2.0			2.0		
	Input Master PEQ Freq (Hz)	1000			1000			1000		
	Input Master PEQ Q (Q)	1.0			1.0			1.0		
	Input Master PEQ Gain (dB)	0			0			0		
	Low-Cut Freq (Hz)		40			40			40	
	Low-Cut Slope (dB/Oct)		12			12			12	
	Low-Cut Q (Q)		.7			.7			.7	
	LSF Freq. (Hz)		125			125			125	
	LSF Slope (dB/Oct)		6			6			6	
	LSF Gain (dB)		0			0			0	
	HPF Freq. (Hz)			500			500			500
	HPF Resp. (Type-dB/Oct)			LR24			LR24			LR24
	PEQ1 Freq. (Hz)		40	580		40	580		40	580
	PEQ1 Q (Q)		2.9	.40		2.9	.40		2.9	.40
	PEQ1 Gain (dB)		0	-3.0		0	-3.0		0	-3.0
	PEQ2 Freq. (Hz)			14800			14800			14800
	PEQ2 Q (Q)			.90			.90			.90
	PEQ2 Gain (dB)			+12.0			+12.0			+12.0
	LPF Freq. (Hz)		500			500			500	
	LPF Resp. (Type-dB/Oct)		LR24			LR24			LR24	
HSF Freq. (Hz)			10000			10000			10000	
HSF Slope (dB/Oct)			6			6			6	
HSF Gain (dB)			0			0			0	
Output Align Delay (uS)		800	0		800	0		800	0	
Polarity (Normal, Invert)		Norm	Norm		Norm	Norm		Norm	Norm	
Digital Output Gain (dB)		+3.0	-6.0		+3.0	-6.0		+3.0	-6.0	
Limiter Thresh. (dBu)		+21.0	+21.0		+21.0	+21.0		+21.0	+21.0	
Limiter Decay (dB/mS)		50	50		50	50		50	50	
Limiter Hold (mS)		5	5		5	5		5	5	
Channel 1 Mode (L,R,L+R)										
Channel 4 Mode (L,R,L+R)										
Knob	Output Knobs (dB)		0	0		0	0		0	0
	Input Knob (dB)		0			0			0	
Options	2-Way L-R Mode	Select Link or Independent			Select Link or Independent			Select Link or Independent		
	Delay Units	uSec			uSec			uSec		
	Limiter Thresh. Reference	dBu (0dBu=-.775v)			dBu (0dBu=-.775v)			dBu (0dBu=-.775v)		
	VU Display	No Peak (dB from clip)			No Peak (dB from clip)			No Peak (dB from clip)		