

## Processor settings Club V without Sub Woofer

Categories		Club V loudspeaker			
Model Name		S215V/C215V	S115V/C115V/SM15V/CM15V	S112V/C112V/SM12V/CM15V	SM10V/CM10V
DME library file name		Club215V.cel	Club115V.cel	Club112V.cel	ClubM10V.cel
Drive Mode		Passive	Passive	Passive	Passive
Output Name		Full-range	Full-range	Full-range	Full-range
Gain	(dB)				
Delay	(ms)				
Polarity		Normal	Normal	Normal	Normal
HPF	Freq (Hz)	30.7	45.0	50.0	60.0
	Slope (dB)	24dB/Oct	24dB/Oct	24dB/Oct	24dB/Oct
	Type	Butterwrth	Butterwrth	Butterwrth	Butterwrth
LPF	Freq (Hz)				
	Slope (dB)				
	Type				
PEQ1	Freq (Hz)	137	65	63	77
	Level (dB)	-4.60	5.30	5.00	4.00
	Type	PEQ	PEQ	PEQ	PEQ
	Q	6.3	5.0	2.0	3.0
	Bandwidth	0.229	0.288	0.714	0.479
PEQ2	Freq (Hz)	410	190	325	410
	Level (dB)	-5.00	-4.00	-5.10	-6.50
	Type	PEQ	PEQ	PEQ	PEQ
	Q	3.8	3.0	6.7	2.1
	Bandwidth	0.379	0.479	0.215	0.681
PEQ3	Freq (Hz)	900	800	972	1220
	Level (dB)	-4.00	-5.60	-4.00	-6.50
	Type	PEQ	PEQ	PEQ	PEQ
	Q	2.0	2.7	2.2	3.8
	Bandwidth	0.714	0.531	0.650	0.379
PEQ4	Freq (Hz)	2,500	2,740	1,300	1,830
	Level (dB)	-3.50	-3.00	-4.00	2.00
	Type	PEQ	PEQ	PEQ	PEQ
	Q	4.5	4.5	5.0	2.5
	Bandwidth	0.320	0.320	0.288	0.573
PEQ5	Freq (Hz)	4,600	4,600	4,600	6,300
	Level (dB)	-4.00	-4.00	-3.00	-5.20
	Type	PEQ	PEQ	PEQ	PEQ
	Q	6.0	5.0	5.0	6.0
	Bandwidth	0.240	0.288	0.288	0.240
PEQ6	Freq (Hz)	8,500	8,660	8,500	9,000
	Level (dB)	-5.00	-4.00	-3.50	-5.00
	Type	PEQ	PEQ	PEQ	H.Shel 12dB/Oct
	Q	6.0	2.5	3.0	
	Bandwidth	0.240	0.573	0.479	
Limitter	Threshold	12dBu = -12dBfs	12dBu = -12dBfs	11dBu = -13dBfs	9dBu = -15dBfs
	Attack(msec)	6.8	6.8	6.8	6.8
	Release(msec)	46.0	46.0	46.0	46.0

Note : To use with subwoofer, use HPF @90Hz 24dB Linkwitz-Riley for 15" and 12", @125Hz 24dB Linkwitz-Riley for 10".

Note: Limiter threshold is set at 24dBu maximum output processor and 26dB voltage gain amplifier.

Note: Although the use of DSP is not mandatory, the above DSP settings are recommended for optimal performance.

## Processor settings Club V with Sub Woofer

Categories		Club V loudspeaker		
Model Name		S215V/C215V	S115V/C115V/SM15V/CM15V	S112V/C112V/SM12V/CM15V
DME library file name		Club215V_sub.cel	Club115V_sub.cel	Club112V_sub.cel
Drive Mode		Passive	Passive	Passive
Output Name		Full-range	Full-range	Full-range
Gain	(dB)			
Delay	(ms)			
Polarity		Normal	Normal	Normal
HPF	Freq (Hz)	90.0	90.0	90.0
	Slope (dB)	24dB/Oct	24dB/Oct	24dB/Oct
	Type	L-R	L-R	L-R
LPF	Freq (Hz)			
	Slope (dB)			
	Type			
PEQ1	Freq (Hz)	137	800	325
	Level (dB)	-4.60	-5.60	-5.10
	Type	PEQ	PEQ	PEQ
	Q	6.3	2.7	6.7
	Bandwidth	0.229	0.531	0.215
PEQ2	Freq (Hz)	410	2,740	972
	Level (dB)	-5.00	-4.10	-5.00
	Type	PEQ	PEQ	PEQ
	Q	3.8	4.5	2.2
	Bandwidth	0.379	0.320	0.650
PEQ3	Freq (Hz)	900	4,600	1,300
	Level (dB)	-4.00	-5.00	-4.00
	Type	PEQ	PEQ	PEQ
	Q	2.0	4.7	5.0
	Bandwidth	0.714	0.306	0.288
PEQ4	Freq (Hz)	2,500	8,500	4,600
	Level (dB)	-3.50	-5.70	-4.00
	Type	PEQ	PEQ	PEQ
	Q	4.5	2.5	4.7
	Bandwidth	0.320	0.573	0.306
PEQ5	Freq (Hz)	4,600		8,500
	Level (dB)	-4.80		-4.50
	Type	PEQ		PEQ
	Q	4.7		3.2
	Bandwidth	0.306		0.449
PEQ6	Freq (Hz)	9,000		
	Level (dB)	-6.30		
	Type	PEQ		
	Q	5.0		
	Bandwidth	0.288		
Limiter	Threshold	12dBu = -12dBfs	12dBu = -12dBfs	11dBu = -13dBfs
	Attack(msec)	6.8	6.8	6.8
	Release(msec)	46.0	46.0	46.0

Note : To use with subwoofer, use HPF @90Hz 24dB Linkwitz-Riley for 15" and 12", @125Hz 24dB Linkwitz-Riley for 10".

Note: Limiter threshold is set at 24dBu maximum output processor and 26dB voltage gain amplifier.

Note: Although the use of DSP is not mandatory, the above DSP settings are recommended for optimal performance.

## Processor settings Club V Monitor

Categories		Club V loudspeaker		
Model Name		SM15V/CM15V	SM12V/CM12V	SM10V/CM10V
DME library file name		ClubM15V_moni	ClubM12V_moni	ClubM10V_moni
Drive Mode		Passive	Passive	Passive
Output Name		Full-range	Full-range	Full-range
Gain	(dB)			
Delay	(ms)			
Polarity		Normal	Normal	Normal
HPF	Freq (Hz)	45.0	50.0	60.0
	Slope (dB)	24dB/Oct	24dB/Oct	24dB/Oct
	Type	Butterwrth	Butterwrth	Butterwrth
LPF	Freq (Hz)			
	Slope (dB)			
	Type			
PEQ1	Freq (Hz)	400	450	450
	Level (dB)	-4.00	-4.00	-5.50
	Type	PEQ	PEQ	PEQ
	Q	3.0	2.5	2.8
	Bandwidth	0.479	0.573	0.513
PEQ2	Freq (Hz)	1,060	1,060	772
	Level (dB)	-5.50	-8.50	-4.40
	Type	PEQ	PEQ	PEQ
	Q	4.7	6.7	6.7
	Bandwidth	0.306	0.215	0.215
PEQ3	Freq (Hz)	800	2,590	1,150
	Level (dB)	-6.70	-4.70	-7.00
	Type	PEQ	PEQ	PEQ
	Q	4.2	3.3	4.0
	Bandwidth	0.343	0.436	0.360
PEQ4	Freq (Hz)	2,050	8,500	2,500
	Level (dB)	-6.00	-3.00	-4.00
	Type	PEQ	PEQ	PEQ
	Q	5.6	4.0	4.2
	Bandwidth	0.257	0.360	0.343
PEQ5	Freq (Hz)	4,500		6,300
	Level (dB)	-4.70		-5.00
	Type	PEQ		PEQ
	Q	8.4		4.5
	Bandwidth	0.172		0.320
PEQ6	Freq (Hz)	8,000		9,170
	Level (dB)	-5.70		-3.35
	Type	PEQ		H.Shel 12dB/Oct
	Q	9.0		
	Bandwidth	0.160		
Limiter	Threshold	12dBu = -12dBfs	11dBu = -13dBfs	9dBu = -15dBfs
	Attack(msec)	6.8	6.8	6.8
	Release(msec)	46.0	46.0	46.0

Note: Limiter threshold is set at 24dBu maximum output processor and 26dB voltage gain amplifier.

Note: Although the use of DSP is not mandatory, the above DSP settings are recommended for optimal performance.

## Processor settings Club V Sub Woofer

Categories		Club V loudspeaker		
Model Name		SW218V/CW218V	SW118V/CW118V	SW115V/CW115V
DME library file name		ClubSW218V.cel	ClubSW118V.cel	ClubSW115V.cel
Drive Mode		Passive	Passive	Passive
Output Name		Sub woofer	Sub woofer	Sub woofer
Gain	(dB)			
Delay	(ms)			
Polarity		Normal	Normal	Normal
HPF	Freq (Hz)	35.5	35.5	35.5
	Slope (dB)	24dB/Oct	24dB/Oct	24dB/Oct
	Type	Butterwrth	Butterwrth	Butterwrth
LPF	Freq (Hz)	90	90	90
	Slope (dB)	24dB/Oct	24dB/Oct	24dB/Oct
	Type	L-R	L-R	L-R
PEQ1	Freq (Hz)	53	50	53
	Level (dB)	5.00	4.00	5.00
	Type	PEQ	PEQ	PEQ
	Q	7.5	6.0	9.0
	Bandwidth	0.192	0.240	0.160
PEQ2	Freq (Hz)		61	65
	Level (dB)		6.00	3.00
	Type		PEQ	PEQ
	Q		7.0	6.0
	Bandwidth		0.206	0.240
PEQ3	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	Bandwidth			
PEQ4	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	Bandwidth			
PEQ5	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	Bandwidth			
PEQ6	Freq (Hz)			
	Level (dB)			
	Type			
	Q			
	Bandwidth			
Limiter	Threshold	10dBu = -14dBfs	10dBu = -14dBfs	9dBu = -15dBfs
	Attack(msec)	Auto FAST	Auto FAST	Auto FAST
	Release(msec)	Auto Mld	Auto Mld	Auto Mld

Note: Sub woofer level depends on application. Polarity will subject to installation llocation.

Note: Limiter threshold is set at 24dBu maximum output processor and 26dB voltage gain amplifier.

Note: Although the use of DSP is not mandatory, the above DSP settings are recommended for optimal performance.