



# MANUAL DE INSTALAÇÃO

Club 34F

Club 44F

Club 54F

Club 64FSL

Club 644F

Club 864F

Club 964M

Club 64

Club 64SQ

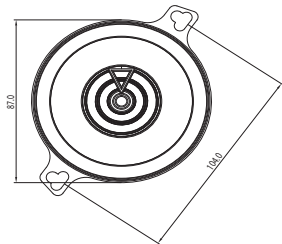
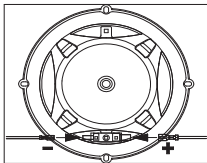
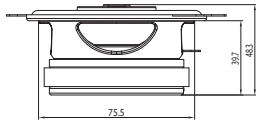
Club 194T

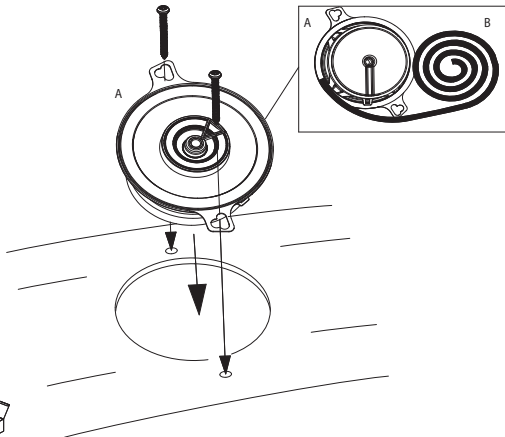
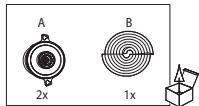
Club 64CSQ

Club 64C

Club 64CTP

# Club 34F





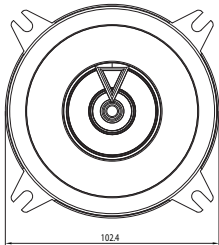
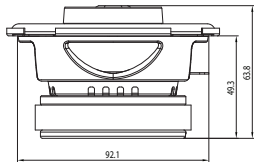
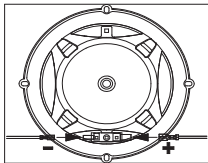
## Especificações

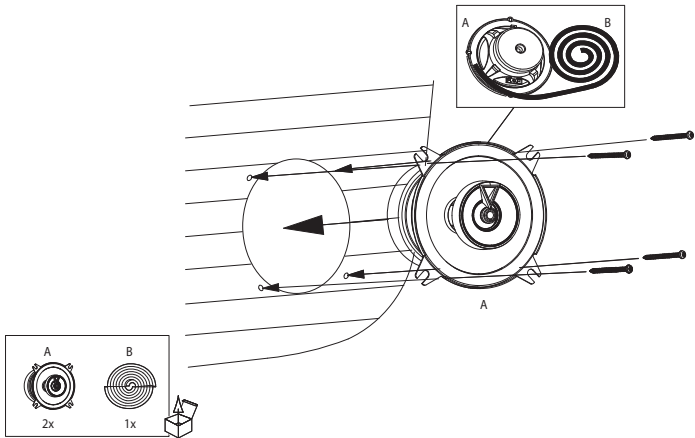
- Tipo: Alto-falante automotivo coaxial de 3½" (87 mm)
- Potência: 25 W RMS, 75W pico
- Sensibilidade (2,83 V/m): 89 dB
- Resposta de frequência: 90 Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

- BL (Tm): 2,873
- DCR (ohms): 2,26
- Mms (g): 3,723
- Sd (cm<sup>2</sup>): 44,18
- Cms (µm/N): 0,491
- Vas (l): 1,3574
- Fs (Hz): 117,7
- Qes: 0,755
- Qms: 7,777
- Qts: 0,688
- Crossover Point: 4kHz

# Club 44F





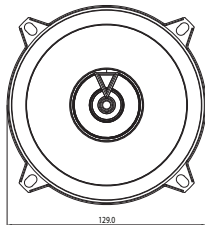
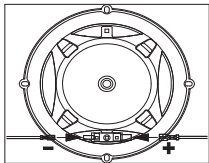
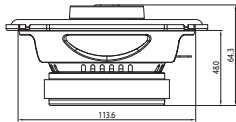
## Especificações

- Tipo: Alto-falante automotivo coaxial de 4" (100 mm)
- Potência: 35 WRMS, 105 Wpico
- Sensibilidade (a 2,83 V/m): 90 dB
- Resposta de frequência: 75 Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

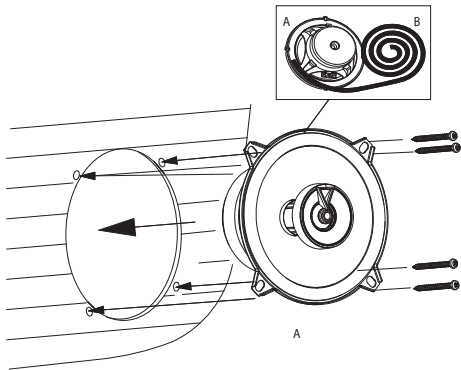
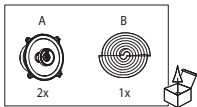
## Parâmetros de Thiele-Small

- BL (Tm): 3,783
- DCR (ohms): 2,46
- Mms (g): 6,608
- Sd (cm<sup>2</sup>): 63,62
- Cms (µm/N): 0,750
- Vas (l): 4,2937
- Fs (Hz): 71,5
- Qes: 0,510
- Qms: 6,495
- Qts: 0,473
- Crossover Point: 3kHz

# Club 54F







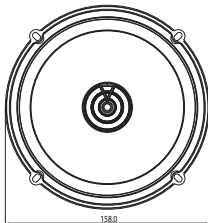
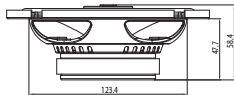
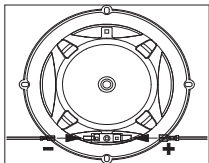
## Especificações

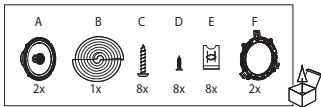
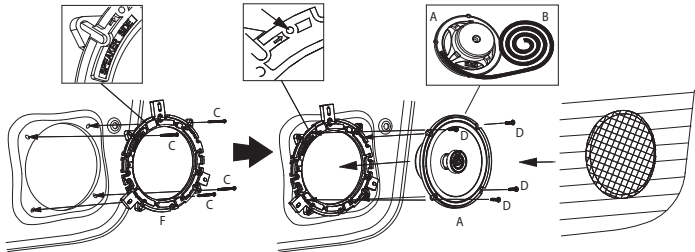
- Tipo: Alto-falante automotivo coaxial de 5¼" (130 mm)
- Potência: 450 W RMS, 135 W pico
- Sensibilidade (a 2,83 V/m): 91 dB
- Resposta de frequência: 75 Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

- BL (Tm): 3,563
- DCR (ohms): 2,24
- Mms (g): 9,484
- Sd (cm<sup>2</sup>): 103,87
- Cms (µm/N): 0,274
- Vas (l): 4,1850
- Fs (Hz): 98,7
- Qes: 1,036
- Qms: 8,608
- Qts: 0,925
- Crossover Point: 3kHz

# Club 64FSL





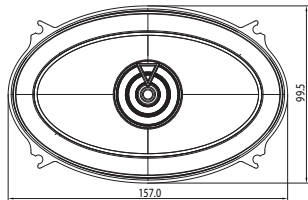
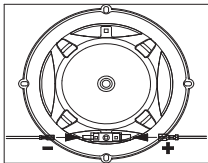
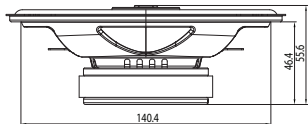
## Especificações

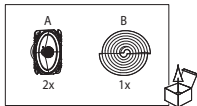
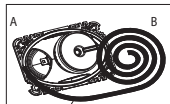
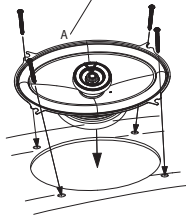
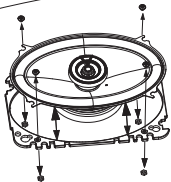
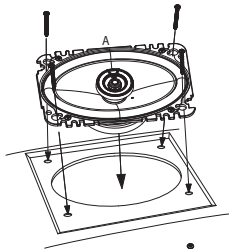
- Tipo: Alto-falante automotivo coaxial de baixo perfil de 6½" (160 mm)
- Potência: 55 W RMS, 165 W pico
- Sensibilidade (a 2,83 V/m): 92 dB
- Resposta de frequência: 55 Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

- BL (Tm): 3,739
- DCR (ohms): 2,41
- Mms (g): 9,934
- Sd (cm<sup>2</sup>): 122,72
- Cms (µm/N): 0,278
- Vas (l): 5,9287
- Fs (Hz): 95,7
- Qes: 1,032
- Qms: 11,357
- Qts: 0,946
- Crossover Point: 4kHz

# Club 644F





## Especificações

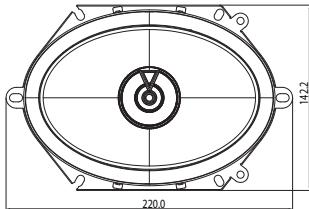
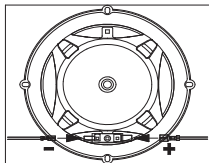
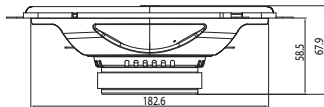
- Tipo: Alto-falante automotivo coaxial de 4" x 6" (100 mm x 152 mm)
- Potência: 450 W RMS, 120 W pico
- Sensibilidade (a 2,83 V/m): 92 dB
- Resposta de frequência: 75Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

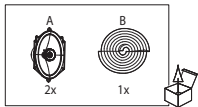
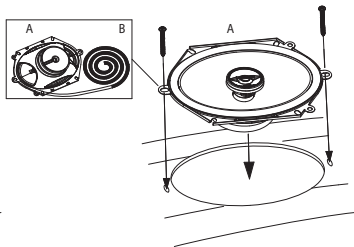
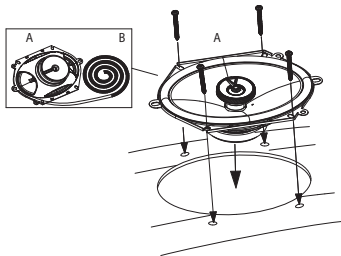
## Parâmetros de Thiele-Small

- BL (Tm): 3,296
- DCR (ohms): 2,5
- Mms (g): 7,86
- Sd (cm<sup>2</sup>): 86,59
- Cms (µm/N): 0,245
- Vas (l): 2,5977
- Fs (Hz): 114,7
- Qes: 1,303
- Qms: 12,752
- Qts: 1,182
- Crossover Point: 3kHz



# Club 864F





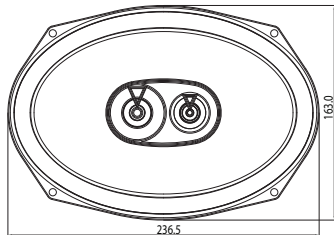
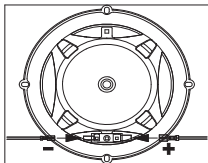
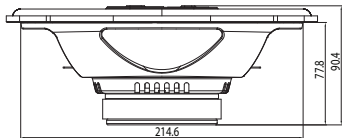
## Especificações

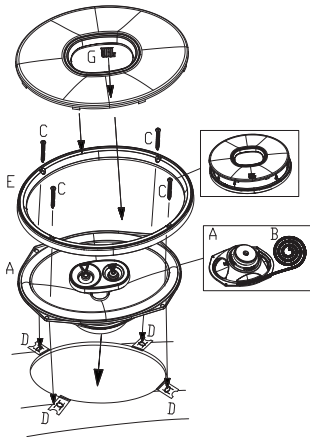
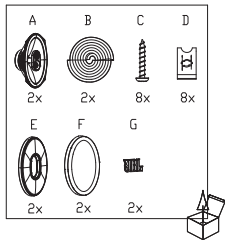
- Tipo: Alto-falante automotivo coaxial sem grade de 6" x 8" (152 mm x 203 mm)
- Potência: 60 W RMS, 180 W pico
- Sensibilidade (a 2,83 V/m): 93 dB
- Resposta de frequência: 65Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

- BL (Tm): 3,785
- DCR (ohms): 2,39
- Mms (g): 17,718
- Sd (cm<sup>2</sup>): 165,13
- Cms (µm/N): 0,336
- Vas (l): 12,9798
- Fs (Hz): 65,2
- Qes: 1,210
- Qms: 14,592
- Qts: 1,118
- Crossover Point: 3,5kHz

# Club 964M





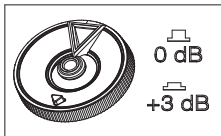
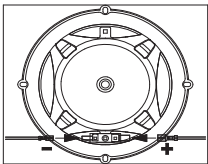
## Especificações

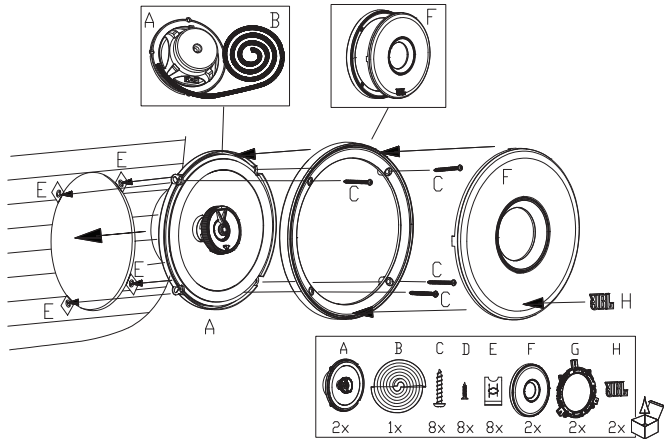
- Tipo: Alto-falante automotivo triaxial de 6" x 9" (152 mm x 230 mm)
- Potência: 85 W RMS, 255 W pico
- Sensibilidade (a 2,83 V/m): 93 dB
- Resposta de frequência: 50Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

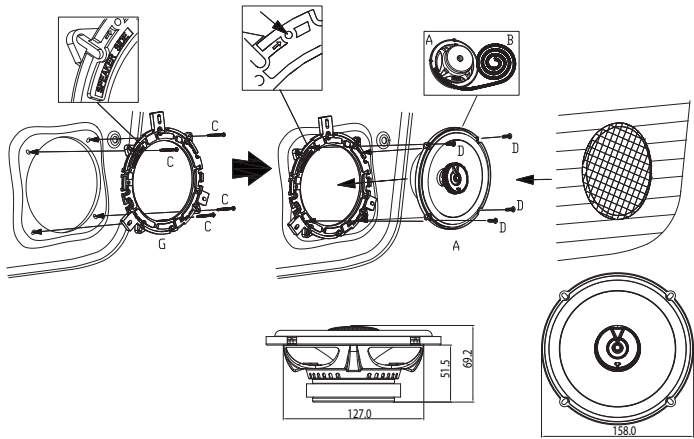
- BL (Tm): 4,063
- DCR (ohms): 2,63
- Mms (g): 23,163
- Sd (cm<sup>2</sup>): 226,98
- Cms (µm/N): 0,337
- Vas (l): 24,5866
- Fs (Hz): 56,9
- Qes: 1,321
- Qms: 11,751
- Qts: 1,188
- Crossover Point: 3kHz

# Club 64









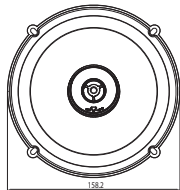
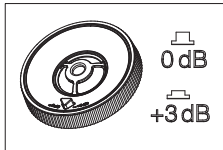
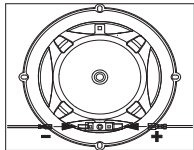
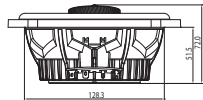
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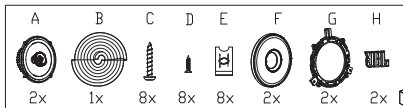
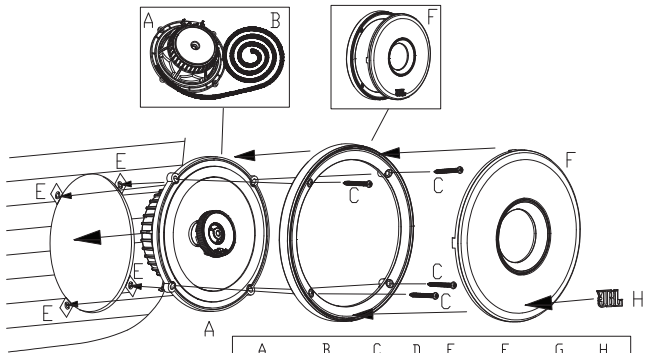
- Tipo: Alto-falante automotivo coaxial de alto desempenho de 6½" (160 mm).
- Potência: 60 W RMS, 180 W pico
- Sensibilidade (a 2,83 V/m): 93 dB
- Resposta de frequência: 48 Hz a 21 kHz
- Impedância nominal: 3,0 Ohms

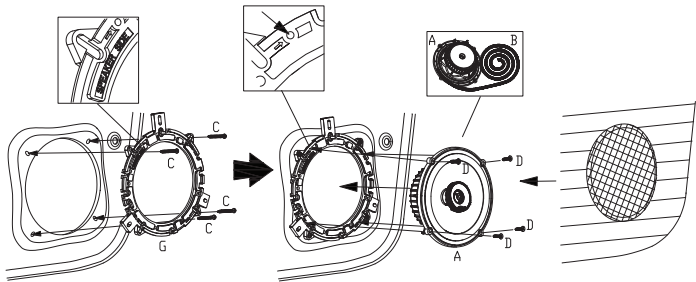
## Parâmetros de Thiele-Small

- BL (Tm): 3,632
- DCR (ohms): 2,36
- Mms (g): 13,758
- Sd (cm<sup>2</sup>): 132,73
- Cms (µm/N): 0,378
- Vas (l): 9,4253
- Fs (Hz): 69,8
- Qes: 1,080
- Qms: 10,655
- Qts: 0,980
- Crossover Point: 3,5kHz

# Club 64SQ







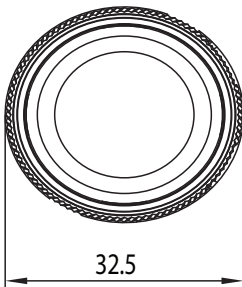
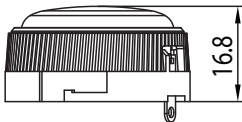
## Especificações

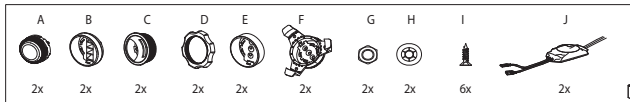
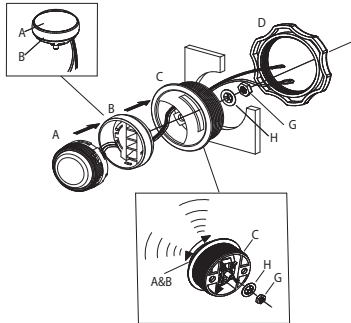
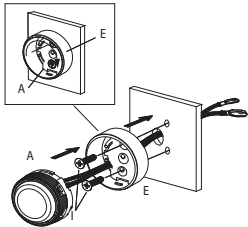
- Tipo: Alto-falantes automotivos 2-vias de 6-1/2" (160 mm), especialmente projetados para produzir a melhor qualidade de som.
- Potência: 75 W RMS, 225 W pico
- Sensibilidade (a 2,83 V/m): 93 dB
- Resposta de frequência: 48 Hz a 21 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

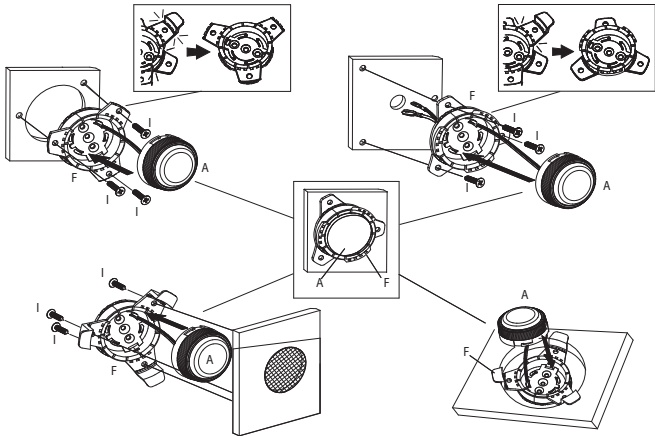
- BL (Tm): 3.748
- DCR (ohms): 2.12
- Mms (g): 12.273
- Sd (cm<sup>2</sup>): 132.73
- Cms (µm/N): 0.530
- Vas (l): 13.2162
- Fs (Hz): 62.4
- Qes: 0.724
- Qms: 9.037
- Qts: 0.671
- Crossover Point: 5 kHz

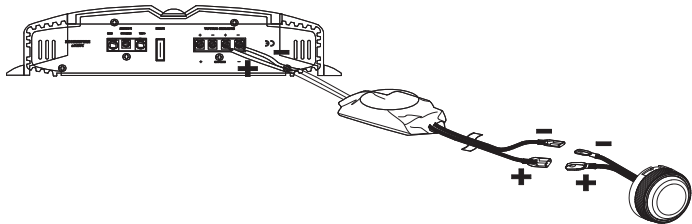
# Club 194T







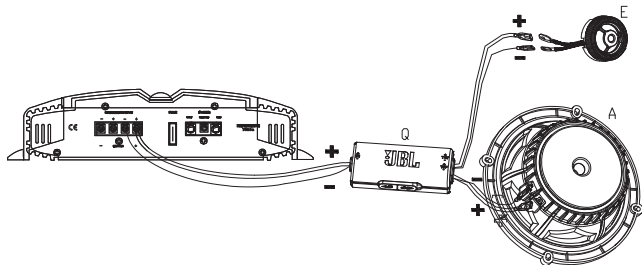
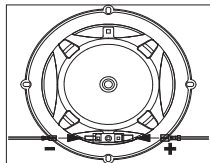


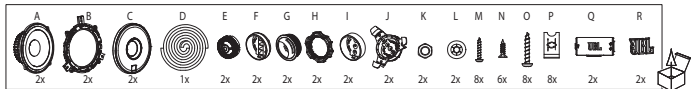
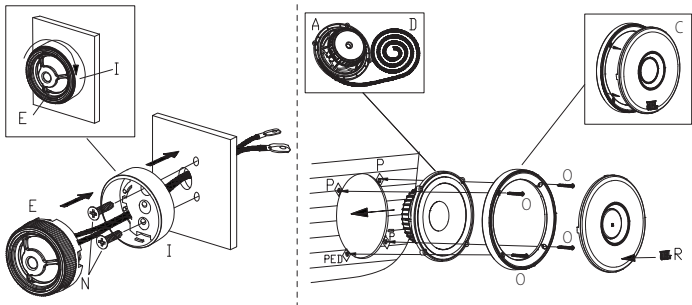


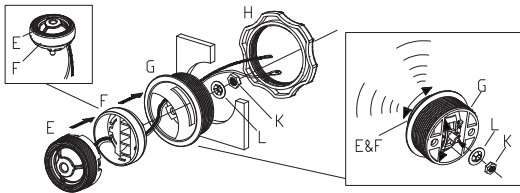
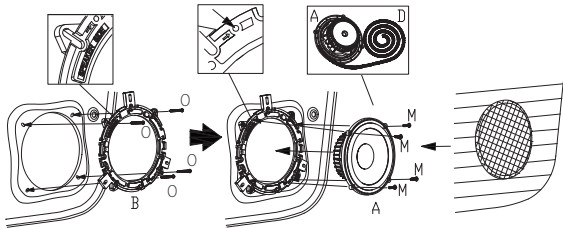
## Especificações

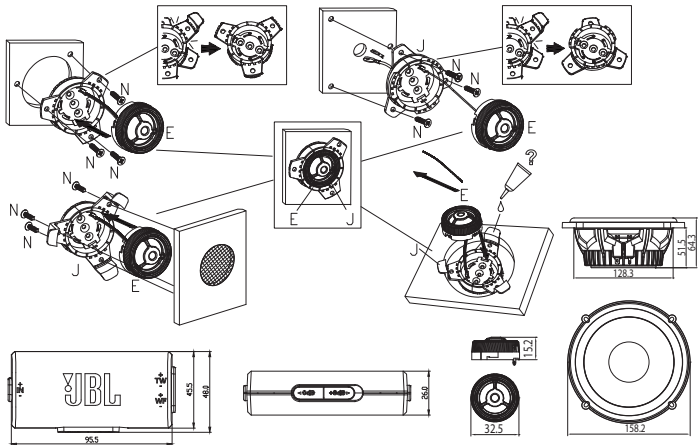
- Tipo: Tweeter em domo acionado pela borda de  $\frac{3}{4}$ " (19 mm)
- Potência: 500 W RMS, 1500 W pico
- Sensibilidade (a 2,83 V/m): 92 dB
- Resposta de frequência: 3kHz a 20 kHz
- Impedância nominal: 3,0 Ohms

# Club 64CSQ









## Especificações

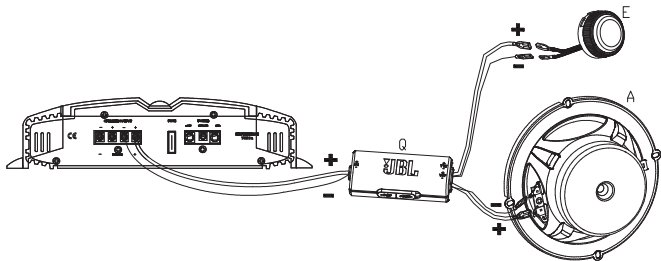
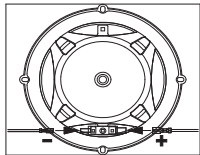
- Tipo: Sistema de alto-falantes kit 2-vias de 6-1/2" (160 mm), criados para produzir a melhor qualidade de som.
- Potência: 95 W RMS, 285 W pico
- Sensibilidade (a 2,83 V/m): 93 dB
- Resposta de frequência: 48 Hz a 21 kHz
- Impedância nominal: 3,0 Ohms

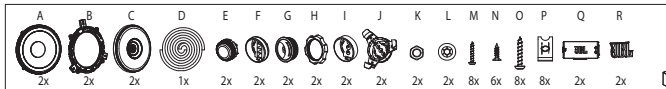
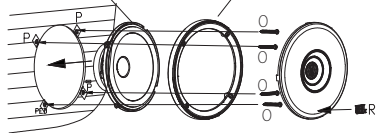
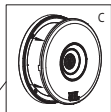
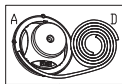
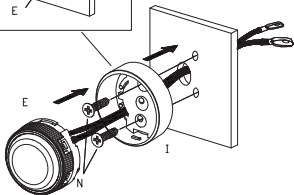
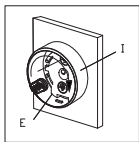
## Parâmetros de Thiele-Small

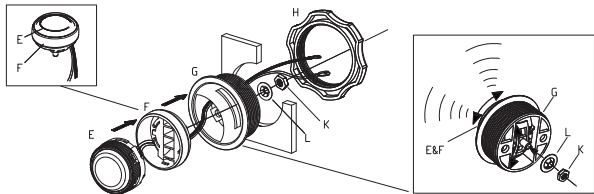
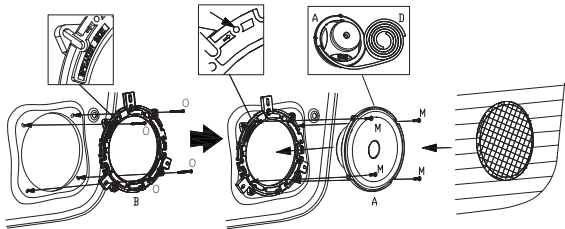
- BL (Tm): 3.776
- DCR (ohms): 2.09
- Mms (g): 13.238
- Sd (cm<sup>2</sup>): 132.73
- Cms (µm/N): 0.536
- Vas (l): 13.3648
- Fs (Hz): 59.7
- Qes: 0.728
- Qms: 8.315
- Qts: 0.670
- Crossover Point: 5 kHz

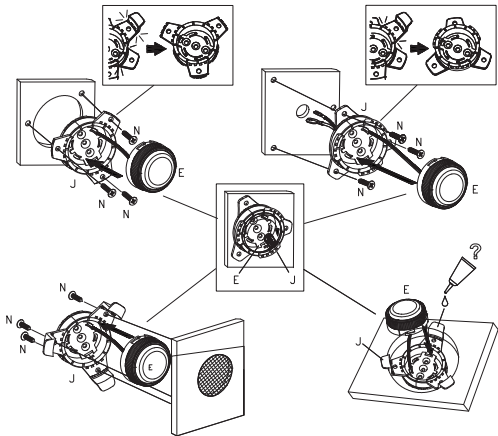


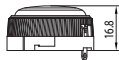
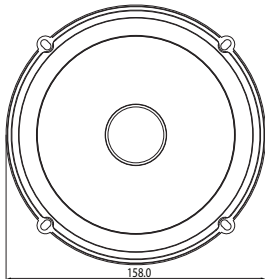
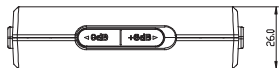
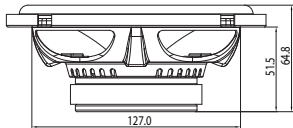
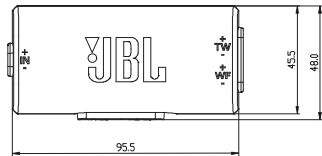
# Club 64C











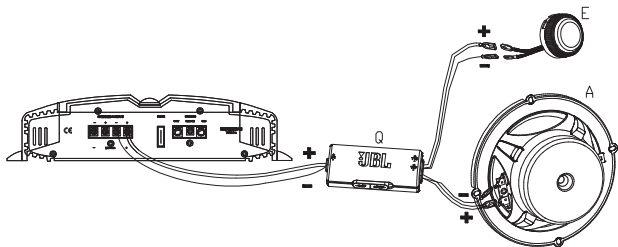
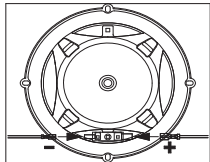
## Especificações

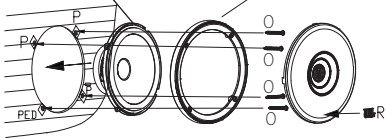
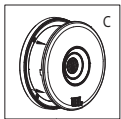
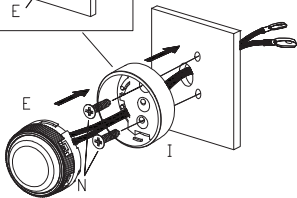
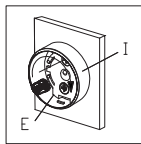
- Tipo: Sistema de alto-falante automotivo duas vias de 6½" (160 mm)
- Potência: 70 W RMS, 210 W pico
- Sensibilidade (a 2,83 V/m): 92 dB
- Resposta de frequência: 55 Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

- BL (Tm): 3,635
- DCR (ohms): 2,37
- Mms (g): 14,409
- Sd (cm<sup>2</sup>): 132,73
- Cms (µm/N): 0,257
- Vas (l): 6,4107
- Fs (Hz): 82,7
- Qes: 1,340
- Qms: 10,965
- Qts: 1,194
- Crossover Point: 5,5kHz

# Club 64CTP

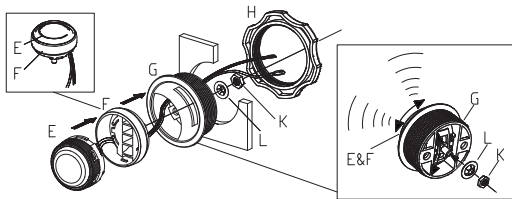
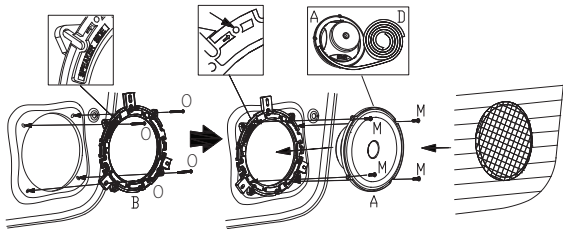


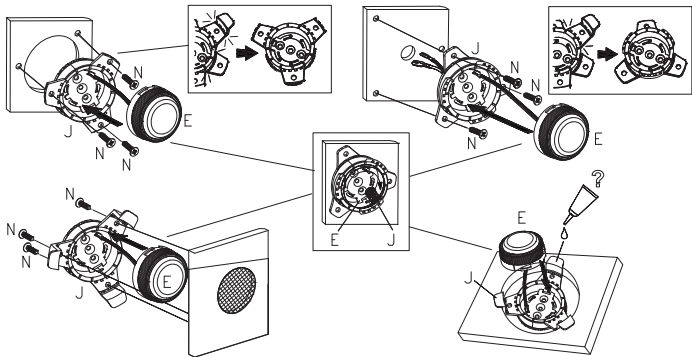


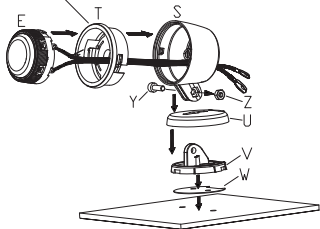
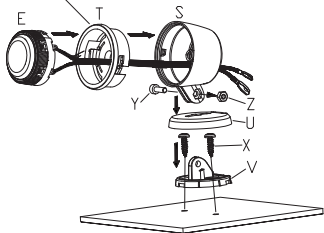
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
2x	2x	2x	1x	2x	2x	2x	2x	2x	2x	2x	2x	2x	8x	6x	8x	8x	2x	8x	2x	2x	2x	2x	2x	4x	2x	2x

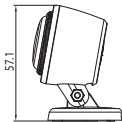
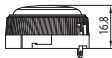
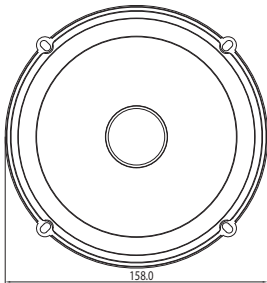
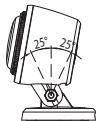
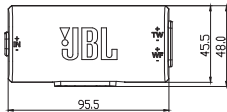
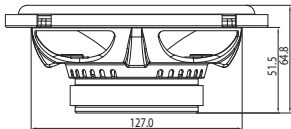












## Especificações

- Tipo: Sistema de alto-falantes duas vias multicomponente de 6½" (160 mm) com Tweeter Pod
- Potência: 70 W RMS, 210 W pico
- Sensibilidade (a 2,83 V/m): 92 dB
- Resposta de frequência: 55 Hz a 20 kHz
- Impedância nominal: 3,0 Ohms

## Parâmetros de Thiele-Small

- BL (Tm): 3,635
- DCR (ohms): 2,37
- Mms (g): 14,409
- Sd (cm<sup>2</sup>): 132,73
- Cms (µm/N): 0,257
- Vas (l): 6,4107
- Fs (Hz): 82,7
- Qes: 1,340
- Qms: 10,965
- Qts: 1,194
- Crossover Point: 5,5kHz



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**Atenção:** conforme lei brasileira nº 11.291, a exposição prolongada a ruídos superiores a 85dB pode causar danos ao sistema auditivo.