



# Triad Cinema Reference InWall Surround Speaker

TS-CREF-IWSURR, TS-CREF-IWSURR-RTS

The Triad Cinema Reference Series InWall Surround Speakers represent the pinnacle of in-wall loudspeaker engineering, purpose-built for high-output home theaters and reference-grade media rooms. Every element of the system, from transducer materials to motor topology, has been redesigned to deliver uncompromised clarity, dynamics, and tonal accuracy.

Elevate every home theater experience with Triad's ultimate combination of power, elegance, and reliability.



## No-Compromise Crossover Design

The Cinema Reference crossover is engineered without compromise to deliver an easy-to-drive speaker with flat response and wide, uniform dispersion. Premium film capacitors, air-core inductors, and high-power resistors are chosen purely for performance, not cost. The result is excellent imaging, a spacious soundstage, and tight, fast bass from low group delay in the sealed design.



## Breakthrough Driver Technology

Every transducer features our advanced triple-matrix composite diaphragm made of nano-woven carbon fiber, graphene, and non-woven Kevlar fiber, providing a strong yet lightweight material with ultra-low distortion, allowing listeners to hear every detail with stunning precision, even at reference-level volumes.

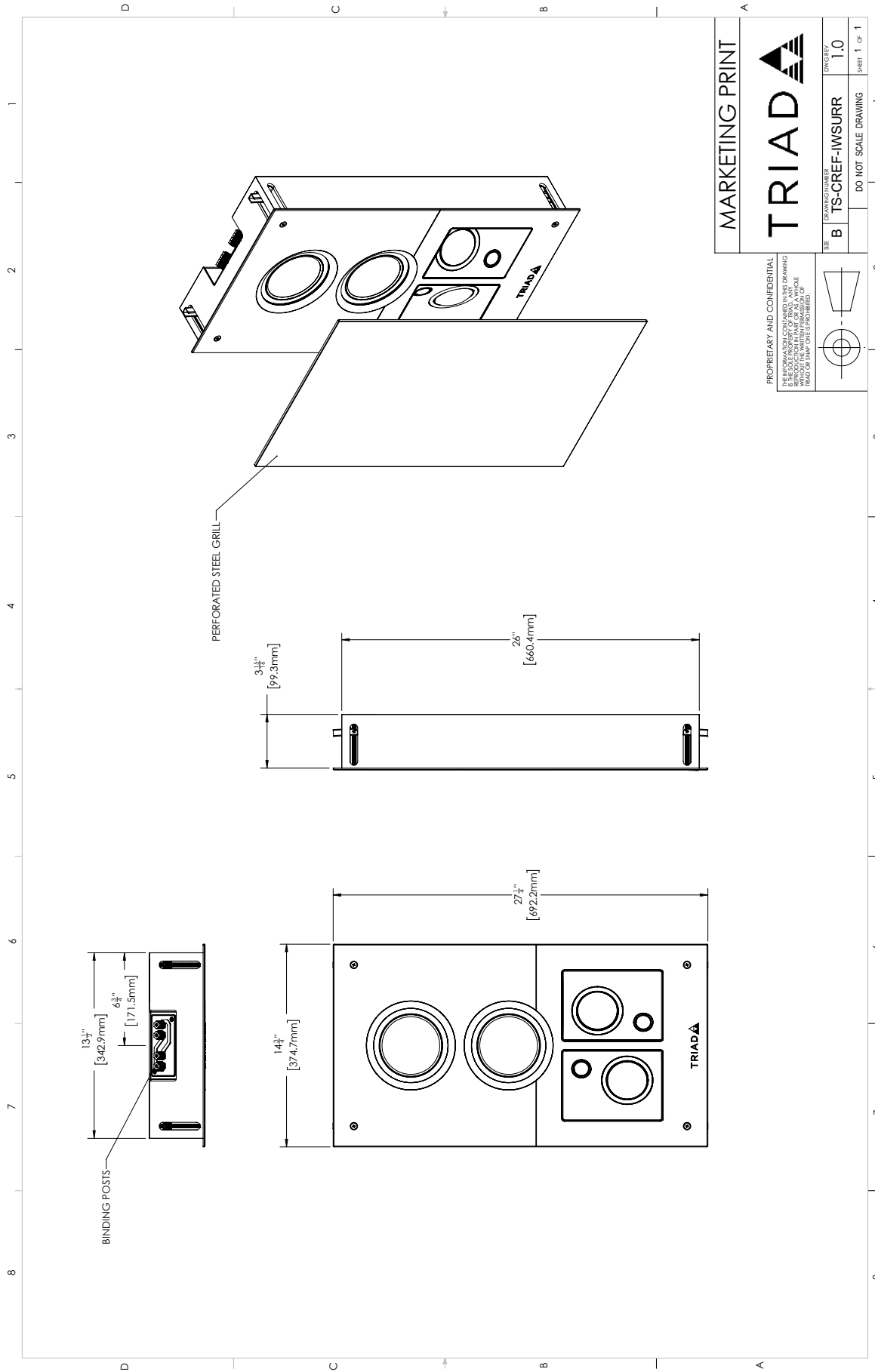


## Precision Motor Architecture

The integrated shorting-ring motor system stabilizes inductance, reducing harmonic and intermodulation distortion, giving cleaner bass, more accurate midrange sound, and fatigue-free listening at any level.

| General                                                        | TS-CREF-IWSURR                           |
|----------------------------------------------------------------|------------------------------------------|
| U of M (Sold as)                                               | Each                                     |
| Speaker Connector Type                                         | Dual Binding Post                        |
| Nominal Impedance                                              | 4Ω                                       |
| Minimum Impedance                                              | 4.20Ω                                    |
| Anechoic Frequency Response +/-3dB                             | 73Hz-20KHz                               |
| Crossover Frequency                                            | 326Hz, 1900Hz                            |
| Crossover Type / Slope                                         | Linkwitz-Riley 12 dB                     |
| Sensitivity (dB) @ 2.83V/1m                                    | 92dB                                     |
| Max RMS SPL (AES75/1m)                                         | 111.5dBZ                                 |
| Peak SPL (AES75/1m/18dB Crest Factor)                          | 129.5dBZ                                 |
| Power Handling (RMS CTA-426B)                                  | 225W                                     |
| Power Handling Peak                                            | 400W                                     |
| Recommended Amplifier Power                                    | 50-400W                                  |
| Tweeter Size                                                   | 2 x 1" Tweeter<br>2 x 3" Midrange        |
| Tweeter Material                                               | Kevlar reinforced non-woven carbon fiber |
| Woofer Size (inch)                                             | 2 x 6"                                   |
| Woofer Cone Material                                           | Kevlar reinforced non-woven carbon fiber |
| Woofer Surround Material                                       | Rubber                                   |
| Woofer Magnet Type                                             | Ferrite                                  |
| Woofer Voice Coil Diameter (mm)                                | 36                                       |
| Woofer Xmax (mm)                                               | 11.4                                     |
| Cutout Size (HxW) (inch)                                       | 26" x 13 1/2"                            |
| Cutout Size (HxW) (mm)                                         | 661 x 343                                |
| Mounting Depth (inch)                                          | 3 15/16"                                 |
| Mounting Depth (mm)                                            | 100                                      |
| Dimensions (HxWxD)<br>(With Baffle Cover but No Grille) (inch) | 27 1/4" x 14 3/4" x 5 15/16"             |
| Dimensions (HxWxD)<br>(With Baffle Cover but No Grille) (mm)   | 693 x 375 x 151                          |
| Dimensions (HxWxD) (With Grille)<br>(inch)                     | 27 1/2" x 15" x 5 15/16"                 |
| Dimensions (HxWxD) (With Grille)<br>(mm)                       | 698 x 381 x 151                          |
| Weight (with Grille) (lbs)                                     | 33.6                                     |
| Weight (with Grille) (kg)                                      | 15.20                                    |
| Dog Clamping Range (inch)                                      | 1.5                                      |
| Dog Clamping Range (mm)                                        | 38                                       |
| Compatible Replacement Grille                                  | TS-GRL-P                                 |
| Compatible New Construction Bracket                            | TS-NCB-P                                 |

| Gift Box Specifications              | TS-CREF-IWSURR          |
|--------------------------------------|-------------------------|
| U of M (Sold as)                     | Each                    |
| Gift Box Dimensions (LxWxH) (inches) | 31 3/4" x 19" x 12 1/4" |
| Gift Box Dimensions (LxWxH) (mm)     | 807 x 483 x 312         |
| Shipping Weight (lbs)                | 42.8                    |
| Shipping Weight (kg)                 | 19.30                   |



|                                                                                                                                                                                                                                   |                |
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| MARKETING PRINT                                                                                                                                                                                                                   |                |
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| B                                                                                                                                                                                                                                 | TS-CREF-IWSURR |
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| SHEET 1 OF 1                                                                                                                                                                                                                      |                |

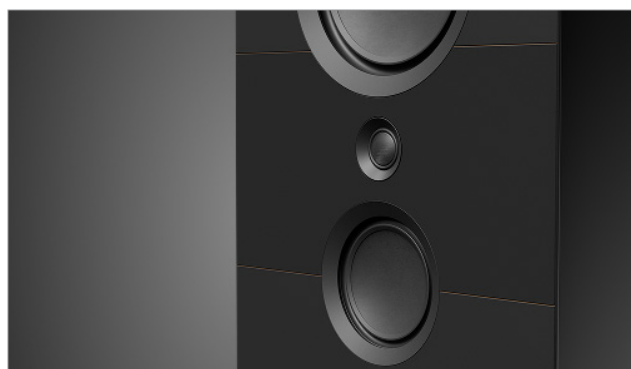


# Triad Cinema Reference InWall LCR Speaker

TS-CREF-IWLCR, TS-CREF-IWLCR-RTS

The Triad Cinema Reference Series InWall LCR Speakers represent the pinnacle of in-wall loudspeaker engineering, purpose-built for high-output home theaters and reference-grade media rooms. Every element of the system, from transducer materials to motor topology, has been redesigned to deliver uncompromised clarity, dynamics, and tonal accuracy.

Elevate every home theater experience with Triad's ultimate combination of power, elegance, and reliability.



## No-Compromise Crossover Design

The Cinema Reference crossover is engineered without compromise to deliver an easy-to-drive speaker with flat response and wide, uniform dispersion. Premium film capacitors, air-core inductors, and high-power resistors are chosen purely for performance, not cost. The result is excellent imaging, a spacious soundstage, and tight, fast bass from low group delay in the sealed design.



## Breakthrough Driver Technology

Every transducer features our advanced triple-matrix composite diaphragm made of nano-woven carbon fiber, graphene, and non-woven Kevlar fiber, providing a strong yet lightweight material with ultra-low distortion, allowing listeners to hear every detail with stunning precision, even at reference-level volumes.



## Precision Motor Architecture

The integrated shorting-ring motor system stabilizes inductance, reducing harmonic and intermodulation distortion, giving cleaner bass, more accurate midrange sound, and fatigue-free listening at any level.

| General                                                        | TS-CREF-IWLCR                            |
|----------------------------------------------------------------|------------------------------------------|
| U of M (Sold as)                                               | Each                                     |
| Speaker Connector Type                                         | Dual Binding Post                        |
| Nominal Impedance                                              | 4Ω                                       |
| Minimum Impedance                                              | 3.80Ω                                    |
| Anechoic Frequency Response +/-3dB                             | 60Hz-20KHz                               |
| Crossover Frequency                                            | 580Hz, 2340Hz                            |
| Crossover Type / Slope                                         | Linkwitz-Riley 12 dB                     |
| Sensitivity (dB) @ 2.83V/1m                                    | 92dB                                     |
| Max RMS SPL (AES75/1m)                                         | 113.8dBZ                                 |
| Peak SPL (AES75/1m/18dB Crest Factor)                          | 131.8dBZ                                 |
| Power Handling (RMS CTA-426B)                                  | 250W                                     |
| Power Handling Peak                                            | 500W                                     |
| Recommended Amplifier Power                                    | 50-400W                                  |
| Tweeter Size                                                   | 1" Tweeter<br>5" Midrange                |
| Tweeter Material                                               | Kevlar reinforced non-woven carbon fiber |
| Woofer Size (inch)                                             | 2 x 8"                                   |
| Woofer Cone Material                                           | Kevlar reinforced non-woven carbon fiber |
| Woofer Surround Material                                       | Rubber                                   |
| Woofer Magnet Type                                             | Ferrite                                  |
| Woofer Voice Coil Diameter (mm)                                | 50                                       |
| Woofer Xmax (mm)                                               | 16.2                                     |
| Cutout Size (HxW) (inch)                                       | 40" x 13 1/2"                            |
| Cutout Size (HxW) (mm)                                         | 1016 x 343                               |
| Mounting Depth (inch)                                          | 5 15/16"                                 |
| Mounting Depth (mm)                                            | 151                                      |
| Dimensions (HxWxD)<br>(With Baffle Cover but No Grille) (inch) | 41 1/4" x 14 3/4" x 5 15/16"             |
| Dimensions (HxWxD)<br>(With Baffle Cover but No Grille) (mm)   | 1048 x 375 x 151                         |
| Dimensions (HxWxD) (With Grille)<br>(inch)                     | 41 1/2" x 15" x 5 15/16"                 |
| Dimensions (HxWxD) (With Grille)<br>(mm)                       | 1054 x 381 x 151                         |
| Weight (with Grille) (lbs)                                     | 61.8                                     |
| Weight (with Grille) (kg)                                      | 28.00                                    |
| Dog Clamping Range (inch)                                      | 1.5                                      |
| Dog Clamping Range (mm)                                        | 38                                       |
| Compatible Replacement Grille                                  | TS-GRL-T                                 |
| Compatible New Construction Bracket                            | TS-NCB-T                                 |

| Gift Box Specifications              | TS-CREF-IWLCR           |
|--------------------------------------|-------------------------|
| U of M (Sold as)                     | Each                    |
| Gift Box Dimensions (LxWxH) (inches) | 46 3/4" x 19 3/4" x 14" |
| Gift Box Dimensions (LxWxH) (mm)     | 1188 x 502 x 356        |
| Shipping Weight (lbs)                | 73.8                    |
| Shipping Weight (kg)                 | 33.40                   |

