

# KRAMER



## Yarden 4-C, Yarden 6-C, Yarden 8-C

### Closed-Back Ceiling Speakers

Kramer **Yarden C** series closed-back ceiling speakers are designed for high-end installations that demand superior sound quality. Yarden C speakers include 2nd-level crossovers, Kevlar® woofers and pivoting titanium tweeters for high clarity and intelligibility. Yarden C speakers support 70v, 100v and 8Ω inputs.

# Benefits

## Easy to install

Yarden C speakers make meeting tight project deadlines easier with simple dog-ear installation.

## Flexible for a variety of environments

Install just a few speakers in a boardroom with 8Ω or an array of speakers with one amplifier in a hotel lobby (with 70V/100V tapping).

## Superior Sound Quality

Yarden C closed-back speakers offer the superb sound quality you need for a wide range of small or large ceiling installations. Each speaker complies with Kramer's rigorous quality standards.

## UL Plenum Certification

Participate in any public tender/bid or private project where UL plenum certification is mandatory.

## Rust-Resistant for Humid Environments

With rust-resistant aluminum grills, Yarden C speakers are suitable for humid environments such as workout facilities, indoor pools and saunas.

### MAIN FEATURES

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- Wide dispersion angle: up to 105°
- Smooth frequency response
- Power rating: 30W to 64W RMS into 8Ω
- Shallow depth
- Accessories: Cutout template, installation bracket, aluminum grill
- RoHS compliance
- UL plenum certification

### APPLICATIONS

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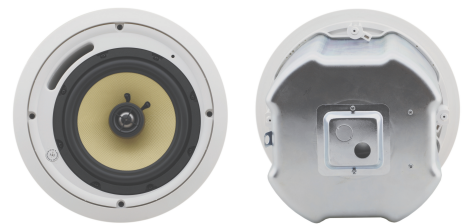
- High-end hotel lobbies, ballrooms and hallways
- High-end corporate boardrooms and conference rooms
- University classrooms, lecture halls, student unions, libraries, etc.
- High-end restaurants and private event venues
- Exclusive Houses of worship



Yarden 4-C



Yarden 6-C



Yarden 8-C

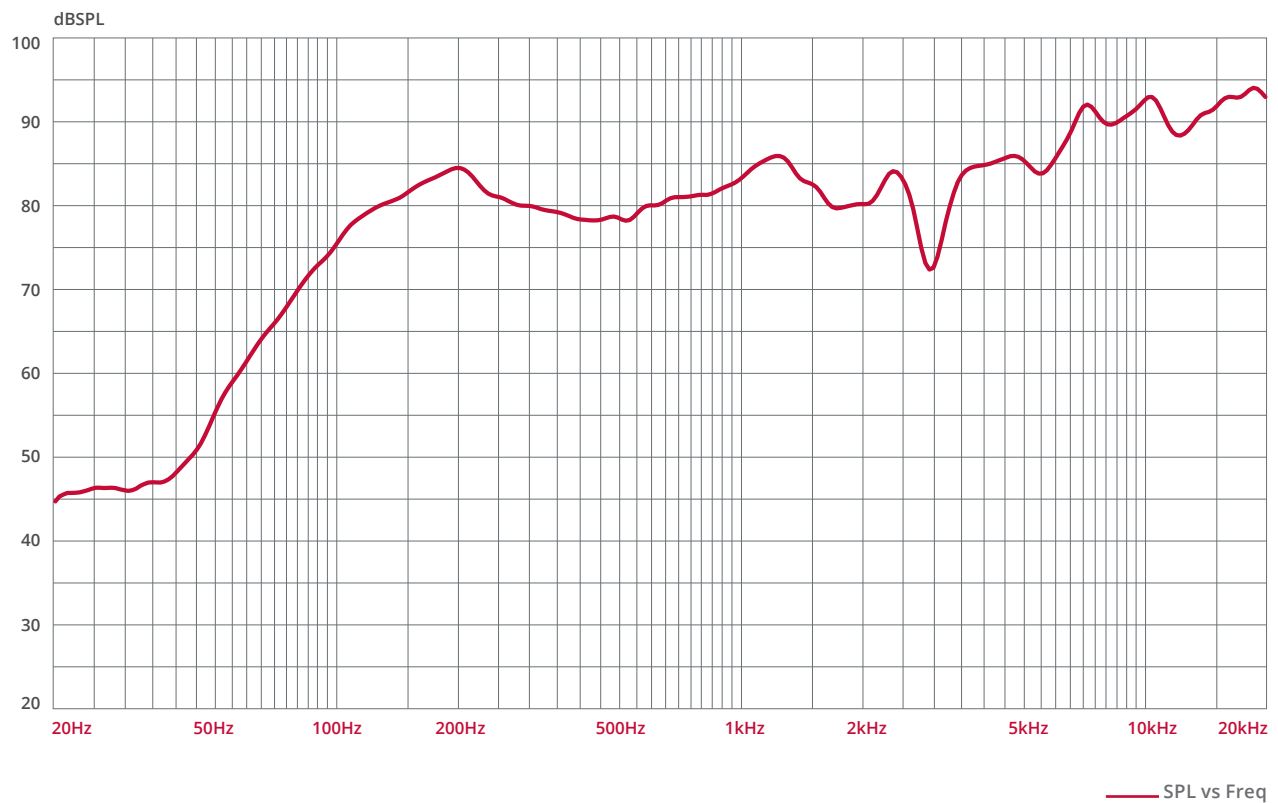
## SPECIFICATIONS

Audio and Power	Yarden 4-C	Yarden 6-C	Yarden 8-C
DESCRIPTION	2-way closed-back ceiling speakers		
FREQUENCY RESPONSE	85Hz to 20kHz @ -10dB 100Hz to 20kHz @ ±3dB	80Hz to 20kHz @ -10dB 95Hz to 20kHz @ ±3dB	65Hz to 20kHz @ -10dB 85Hz to 20kHz @ ±3dB
WOOFER	4" (103mm) Kevlar(R) with rubber surround	6.5" (165mm) Kevlar(R) with rubber surround	8" (200mm) Kevlar(R) with rubber surround
TWEETER	0.5" (13mm) Mylar	0.5" (13mm) Mylar dome	1" (25.4mm) titanium dome
IMPEDANCE	8Ω (transformer tap in off position)		
TRANSFORMER TAPS	70V – 30W / 15W / 7.5W / 3.7W / Off (Lo-Z) 100V – 30W / 15W / 7.5W / Off (Lo-Z)	70V – 30W /15W / 7.5W / 3.7W / Off (Lo-Z) 100V – 30W /15W / 7.5W / Off (Lo-Z)	70V – 64W / 32W / 16W / 8W / 4W / Off (Lo-Z) 100V – 64W / 32W / 16W / 8W / Off (Lo-Z)
SENSITIVITY	85dB SPL, 1W @1m	87dB SPL, 1W @1m	87dB SPL, 1W @1m
MAX SPL	Continuous: 95dB Peak: 97dB	Continuous: 102dB Peak: 105dB	Continuous: 104dB Peak: 107dB
POWER HANDLING	30W RMS 80W continuous program	30W RMS 80W continuous program	64W RMS 180W continuous program
CROSSOVER FREQUENCY	6kHz	10kHz	6.3kHz
COVERAGE ANGLE	90°	101°	110°
DIRECTIVITY FACTOR (Q)	4.2, averaged 1kHz to 10kHz	7.5, averaged 1kHz to 10kHz	4.6, averaged 1kHz to 10kHz
DIRECTIVITY INDEX (DI)	6.2dB averaged 1kHz to 10kHz	8.6dB averaged 1kHz to 10kHz	6.5dB averaged 1kHz to 10kHz
INPUT CONNECTOR	Terminal block		
Shipping and Installation			
MATERIALS	ABS bezel, aluminum grill, metal back can		
OPERATING TEMPERATURE	0° to +40°C (32° to 104°F)		
STORAGE TEMPERATURE	-40° to +70°C (-40° to 158°F)		
HUMIDITY	10% to 90%, RHL non-condensing		
WEIGHT PER SINGLE SPEAKER	1.75kg (3.9lbs) approx.	3.6kg (7.9lbs) approx.	4.9kg (10.8lbs) approx.
SHIPPING WEIGHT (FOR PAIR)	6.1kg (13.5lbs) approx.	9.7kg (21.4lbs) approx.	13.6kg (30lbs) approx.
DIMENSIONS	External diameter: 19.5cm (7.68"); cutout diameter: 16.7cm (6.57")	External diameter: 25.1cm (9.88"); cutout diameter: 22.4cm (8.82")	External diameter: 30.5cm (12"); cutout diameter: 27.3cm (10.75")
INSTALLATION CLEARANCE	Mounting depth: 10.7cm (4.2")	Mounting depth: 19.6cm (7.72")	Mounting depth: 22.6cm (8.9")
ACCESSORIES	Installation bracket, safety cord attached to grill, ceiling mounting kit, cutout template		
OPTIONAL CABLES	BCP-2S, BC-2S, BC-2S12, BC-2S14 speaker cables		
COLORS	Available in white		
Specifications are within a 10% tolerance and are subject to change without notice at <a href="http://www.kramerAV.com">www.kramerAV.com</a>			

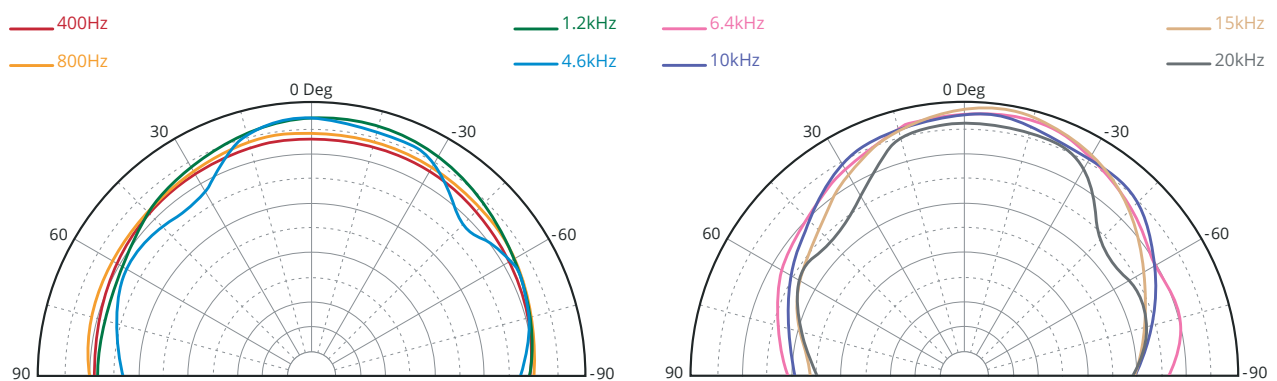


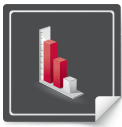
## Yarden 4-C SPL vs Frequency and Polar Graphs

### SPL VS Freq Graph



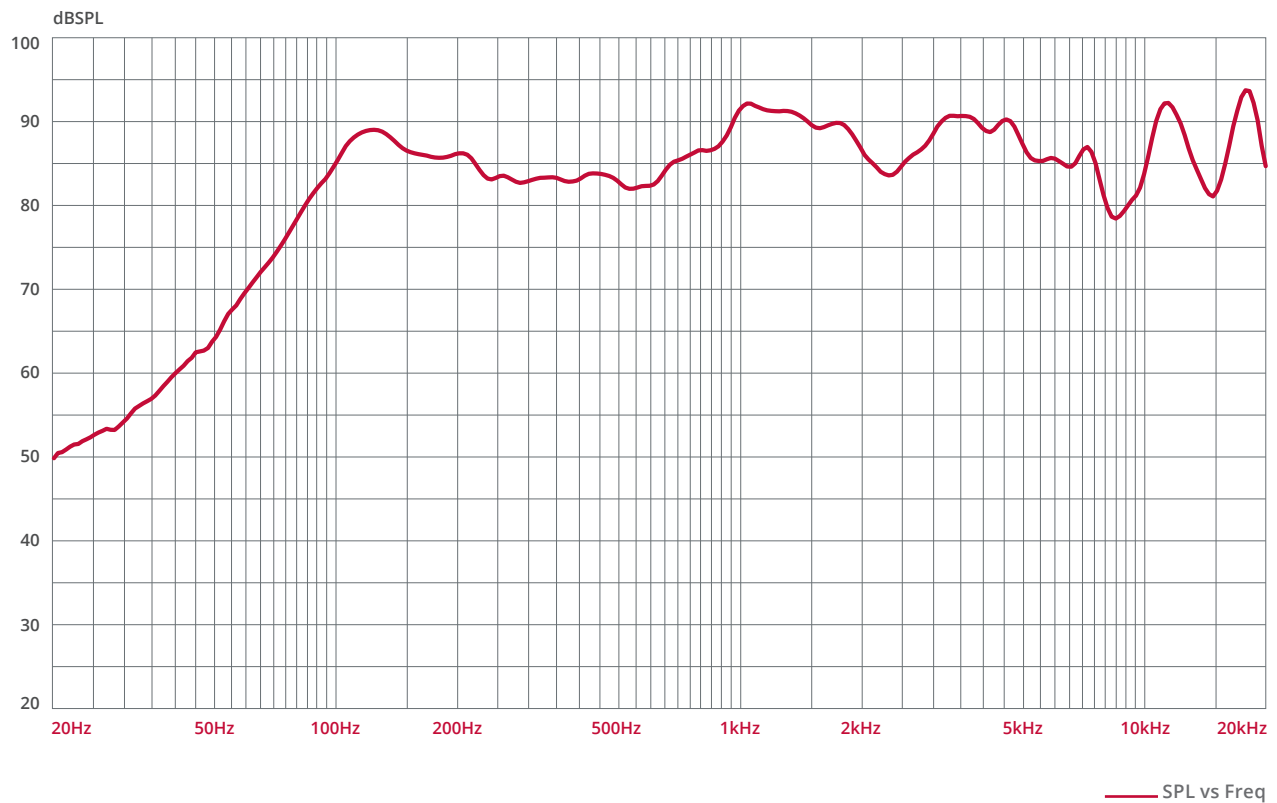
### Polar Graphs



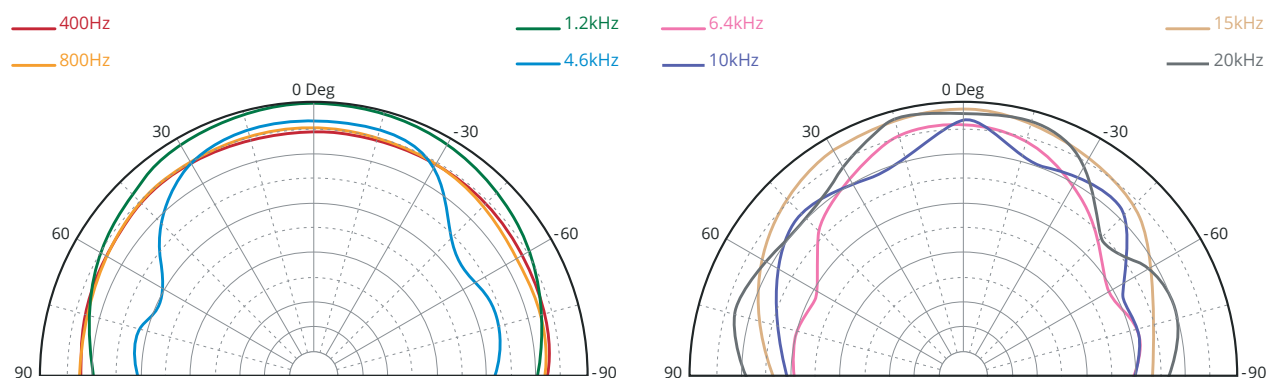


## Yarden 6-C SPL vs Frequency and Polar Graphs

### SPL VS Freq Graph



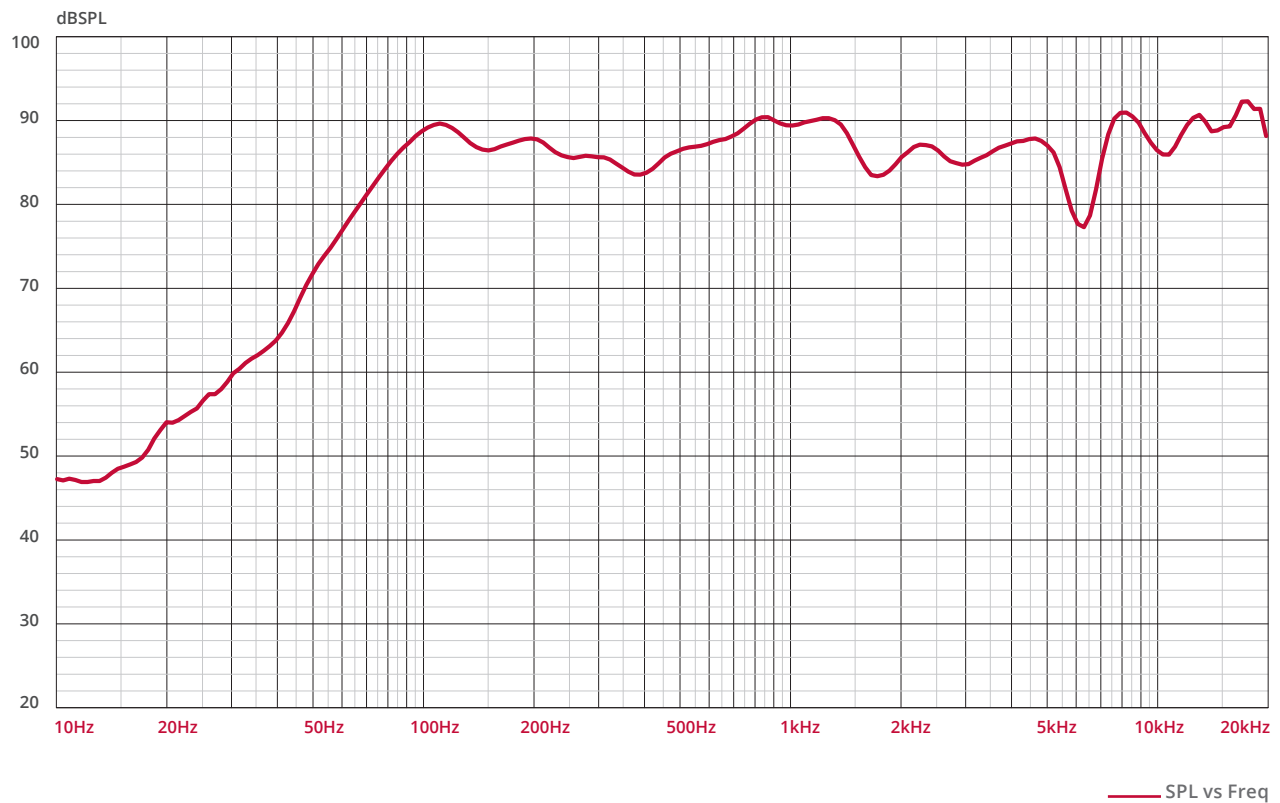
### Polar Graphs



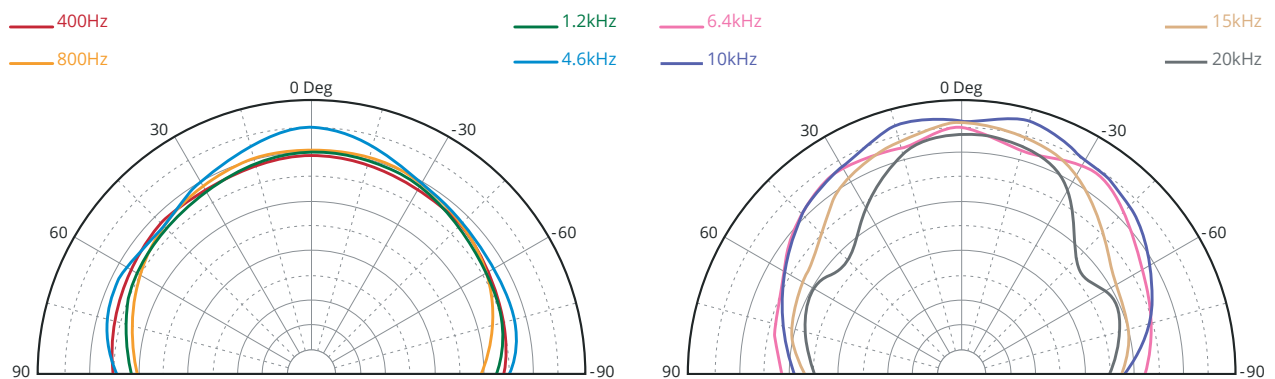


## Yarden 8-C SPL vs Frequency and Polar Graphs

### SPL VS Freq Graph



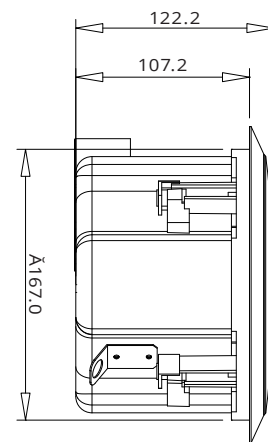
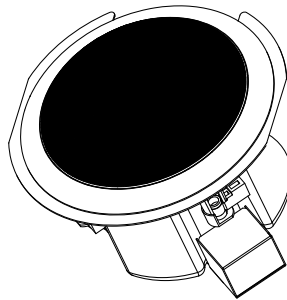
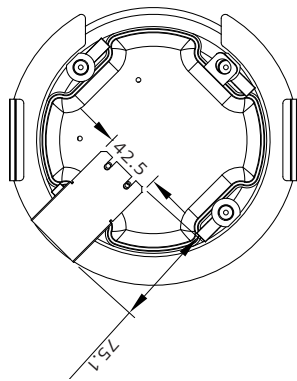
### Polar Graphs



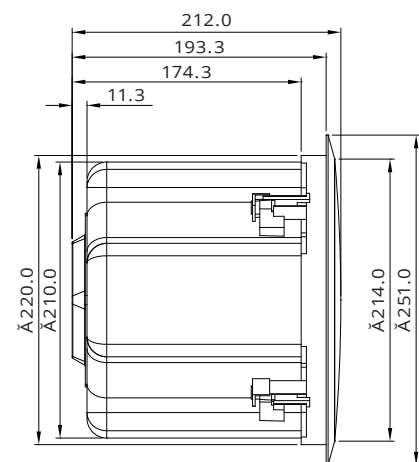
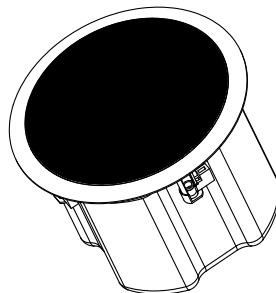
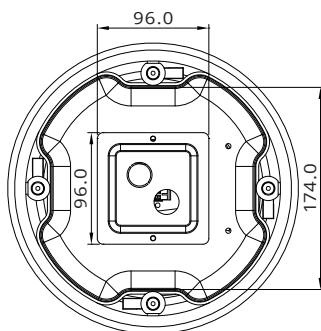




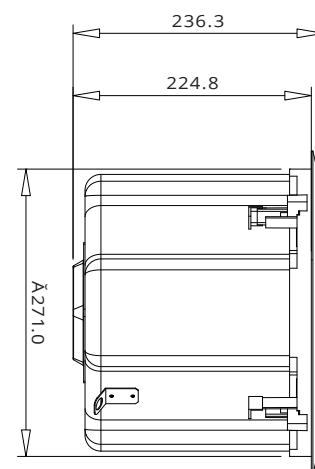
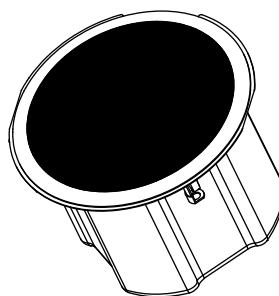
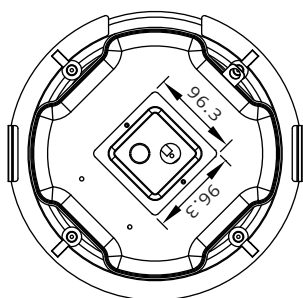
Yarden 4-C



Yarden 6-C

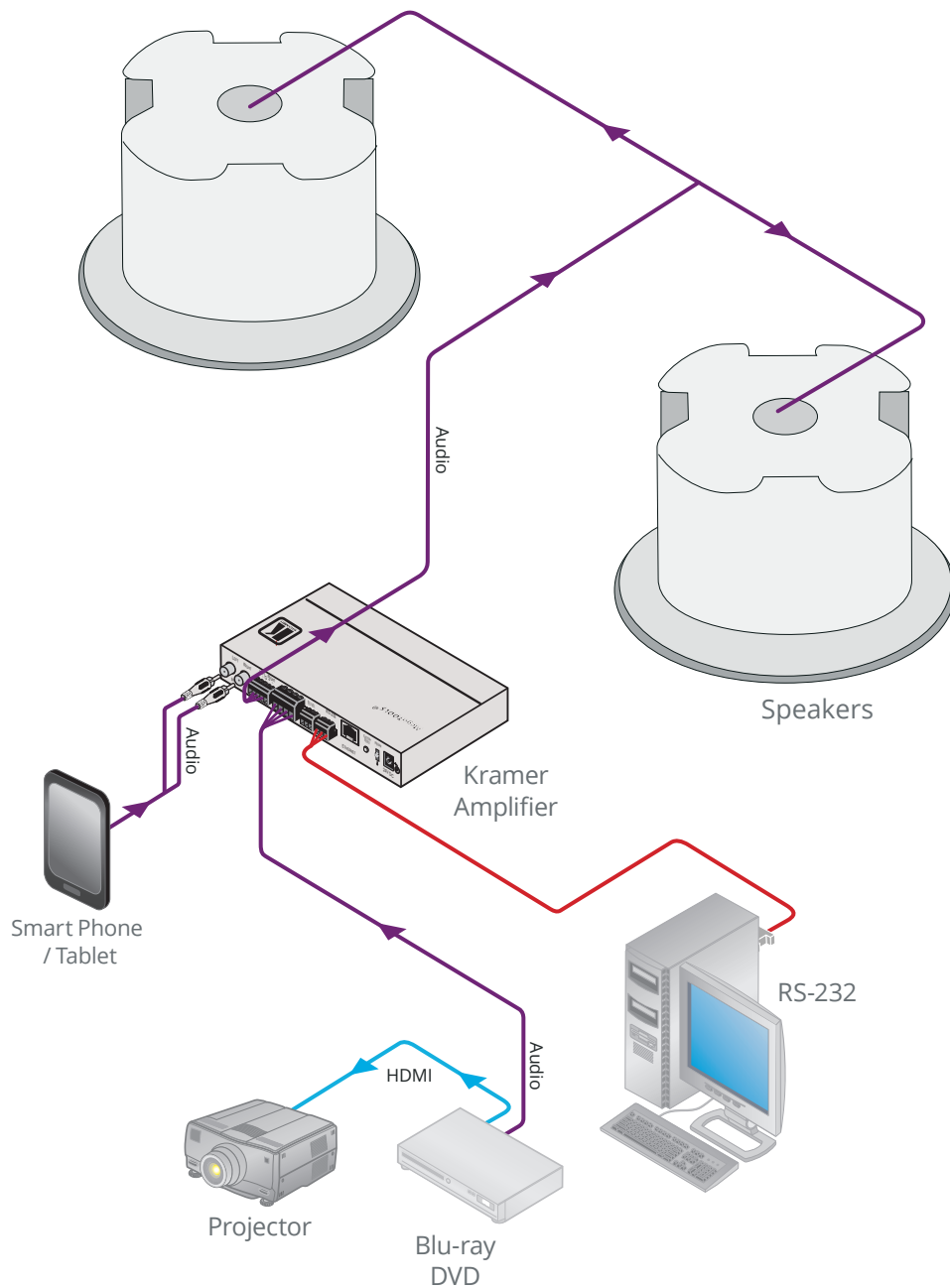


Yarden 8-C





## Application Diagram



YARDEN X-C CLOSED-BACK CEILING SPEAKERS IN A BOARDROOM SETUP



For more information, visit us at: [www.KramerAV.com](http://www.KramerAV.com)

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