

Prima

# APK 690

2 Way system components  
300 W



| TECHNICAL SPECIFICATIONS        |              |                                      |
|---------------------------------|--------------|--------------------------------------|
| Component                       |              | 2-way System                         |
| Woofer Size                     | mm (in.)     | 6 x 9                                |
| Tweeter Size                    | mm (in.)     | 26 (1)                               |
| Power Handling                  | W peak       | 300                                  |
|                                 | W continuous | 100                                  |
| Impedance                       | $\Omega$     | 4                                    |
| Frequency Response              | Hz           | 40 - 20 k                            |
| Crossover Type                  |              | HP 6 dB Oct - 3,3 kHz                |
| Woofer Magnet size<br>D x d x h | mm<br>(in.)  | 90 x 32 x 15<br>(3.54 x 1.26 x 0.59) |
|                                 | mm<br>(in.)  | 19 x 3<br>(0,75 x 0,12)              |
| Weight of one component         | Woofer       | 1,17 (2.58)                          |
|                                 | Tweeter      | 0,04 (0.09)                          |
| Voice Coil $\emptyset$          | Woofer       | 25 (1)                               |
|                                 | Tweeter      | 20 (0.78)                            |

| ELECTRO-ACOUSTIC PARAMETERS |          |         |         |
|-----------------------------|----------|---------|---------|
|                             |          | Woofer  | Tweeter |
| D                           | mm       | 171     | 27,5    |
| Xmax                        | mm       | $\pm 4$ | -       |
| Re                          | $\Omega$ | 3,1     | 3,5     |
| Fs                          | Hz       | 55      | 1500    |
| Le                          | mH       | 0,2     | 0,02    |
| Vas                         | l        | 37,1    | -       |
| Mms                         | g        | 17      | 0,16    |
| Cms                         | mm/N     | 0,5     | 0,09    |
| BL                          | T·m      | 5,3     | 1,3     |
| Qts                         |          | 0,6     | 0,98    |
| Qes                         |          | 0,65    | 2,78    |
| Qms                         |          | 7       | 1,5     |
| Spl                         | dB       | 95      | 93      |

## AP 1 Tweeter

1. 26 mm diameter diaphragm combined with a wide-roll surround provides maximum efficiency and reduced resonance frequency.
2. Acoustic lens designed to compensate for the in-car frequency response in the 10kHz - 13kHz bandwidth caused by critical OEM placements.

## AP 690 Woofer

1. 25 mm pure copper voice coil, for high power handling and outstanding low frequency control.
2. Water-repellent treated paper cone, featuring a profile developed with FEM (Finite Element Method) simulation technology and optimized with the Klippel R&D Scan Vibrometer.
3. Reduced mounting depth, providing ease of installation in OEM placements.
4. "Triple Wave" surround profile for maximum excursion linearity.
5. Compact basket, protected by abrasion-resistant and scratch-proof coating, the motor affixed with damping epoxy adhesive.
6. High current fast-on terminal with double contact on positive and negative poles for high flexibility and quick connection.

## APCX TW 690 Crossover

1. Optimized for OEM Integration featuring an attenuation switch (0 dB, +3dB) to tune the in-car response according to different installation conditions.
2. Supplied with fast-on connectors that eliminate any possible connection errors.