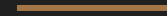


Focal *Inside* presentation

TESLA



FOCAL *INSIDE*



# Compatibility vehicles

Tesla Model 3



Tesla Model Y



# OEM Audio system

- There are 3 OEM sound systems on both tesla models, from 6 speakers to 15 speakers

SR  
Standard audio  
6 speakers



SR +  
Partiel premium audio  
7 speakers



MR LR Performance  
Premium audio  
15 speakers



# Tesla Full system

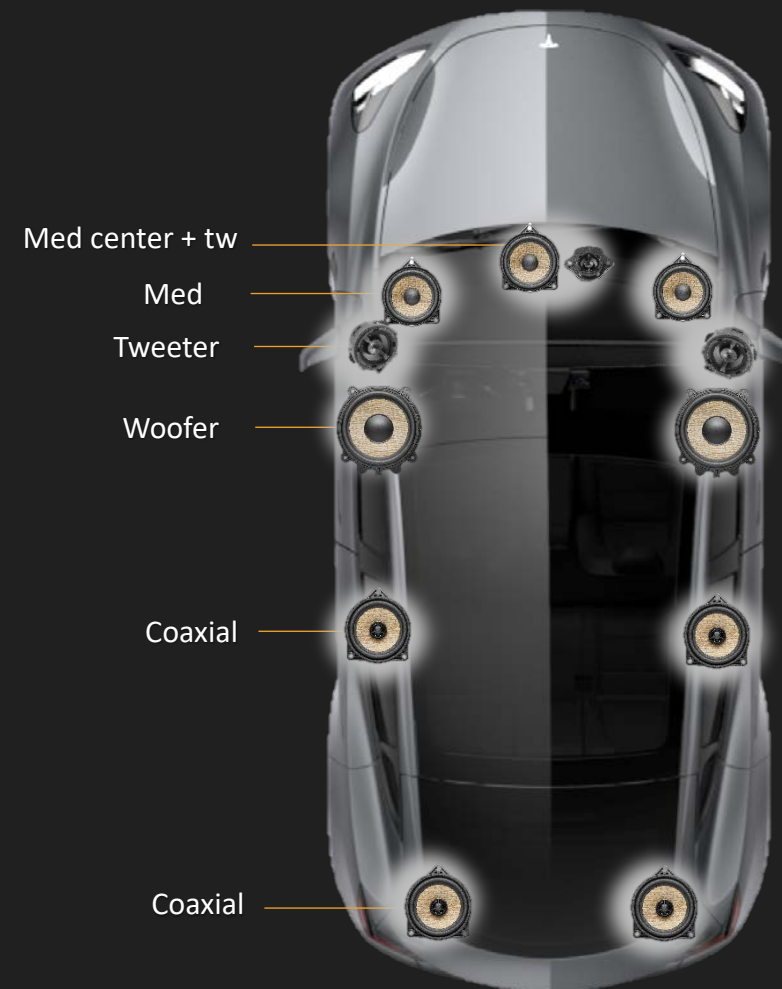
## 12 ways audio system replacement

- Tweeter inverted cone aluminium.
- 4" mid speaker Flax cone.
- 8" woofer speaker Flax cone.
- 4" Coaxial mid with compact tweeter.



## Compatible vehicle

- Tesla M3 MY



# Tesla Focal Sound upgrade

FOCAL INSIDE

- Technologie Focal DNA

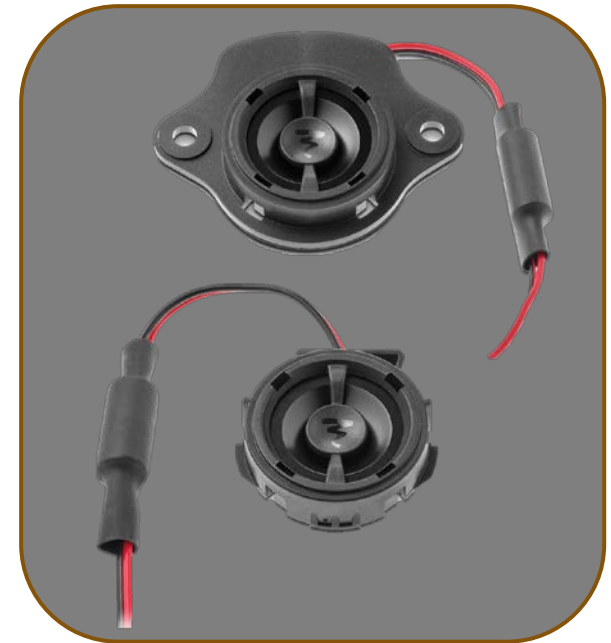
Focal Flax cone



Neodymium magnet speakers,  
and woofers



Tweeter inverted dome  
Aluminium cone



# Tesla Focal Sound upgrade

- Technologie Focal DNA

Lighter composite Spacer

Ultimate choice for electric car



Full Plug and Play.

Tesla connectors



Focal's Crossover

P & P câble, Tweeter upgrade cable

Focal *Inside* logo



# Tesla Focal Sound upgrade

- M3 Sound upgrade by Focal

When developing products, our methodology of working in R & D phase is to evaluate the original audio system and Do Better with a Focal sound signature.

A precise test questionnaire makes it possible to raise the listening criteria on 7 points (tonal balance, noise, distortion spl sound level ) 10 people are chosen in the lab and offices (engineers, musicians, "ears")

To do this test, which will be done in 3 stages depending on the chosen result.

Listen to the original system (**Origin orange**),

Listen upgraded with our speakers (**inside speakers blue**),

## Tesla result:

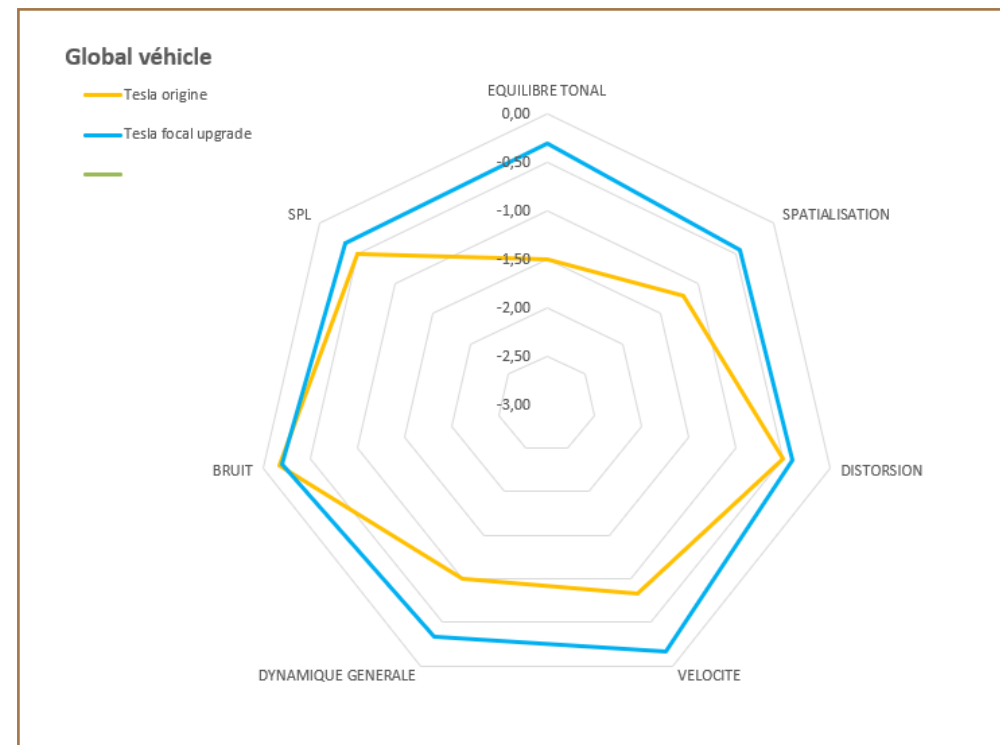
The audio upgrade allows you to gain details in the extreme high frequency, thanks to our tweeter upgrade.

The spatialization is also improved, as well as the height of staging.

The mid are clearer and have gained detail in the voice.

The bass is much less messy, it is clearly dynamic, with an improved kick. the bass is less heavy and less tiring than the original set up.

There is a real gap on all audio registers.



# Tesla ICC T3Y 100

## 2 ways center Voice speakers

- 4" mid speaker Flax cone.
- Tweeter upgrade easy solution.
- Tweeter inverted cone aluminium.
- Plug and Play connectors.



## Compatible vehicle

- Tesla M3 MY





# Tesla ICC T3Y 100

## Technical Data

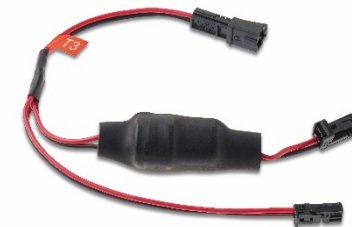
**Neodymium magnet**  
Remarkable acoustic performance in a limited depth



**Butyl surround**  
Excellent reliability



**Aluminium inverted dome tweeter**  
True high-frequency reproduction and improved spatialization

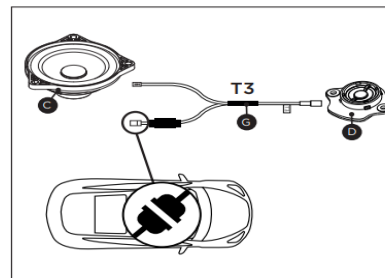


**Tweeter Y crossover**  
Add a tweeter easily

**Spacer integrated**  
In the chassis Perfect integration into the original locations

**TechnicalFlax<sup>®</sup>**  
**Cone Flax<sup>®</sup>** sandwich cone manufactured in France from linen and fiberglass, delivering natural mediums and ultra-realistic voices

**Dedicated connector**  
for the vehicle No wire to cut



Type	Central speaker kit
Max. power	100W
Nom. power	50W RMS
Sensitivity (2.83V/1m)	87dB
Frequency response	150Hz - 20kHz
Impedance	4Ω
Midrange	4" (100mm)
Depth	1 9/16" (33.8mm)
Cone	Flax <sup>®</sup>
Voice coil diameter	1" (25mm)
Motor	Neodymium
Surround	Butyl
Tweeter	Aluminium inverted dome
Crossover	Integrated



# Tesla IS T3Y 100

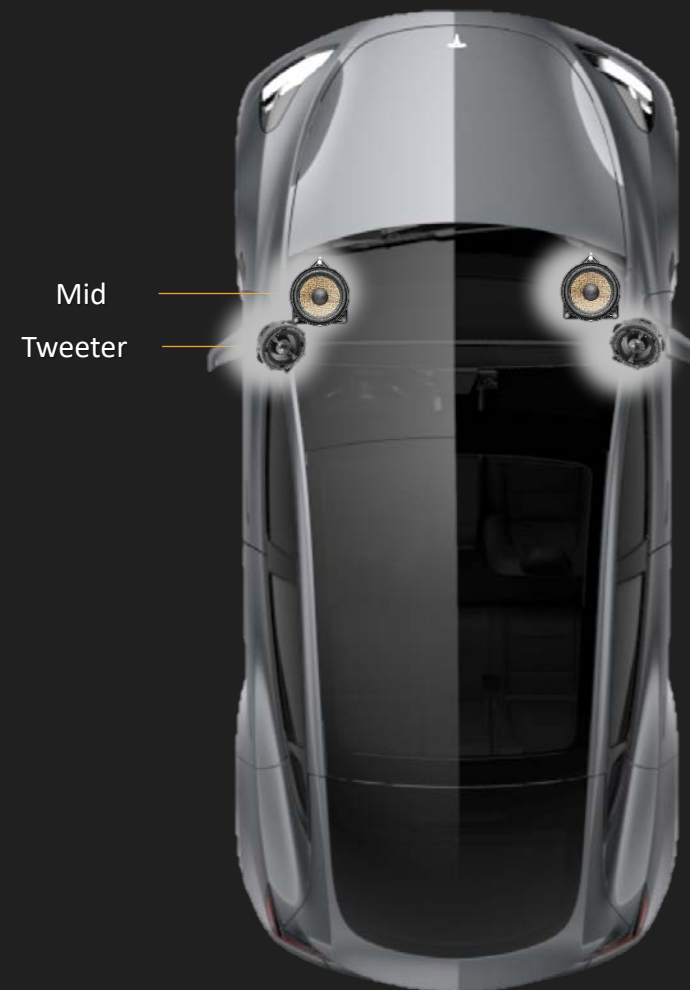
## 2 ways component Front kit

- 4" mid speaker Flax cone
- Tweeter inverted cone aluminium
- Plug and Play connectors
- Tweeter upgrade cables solutions



## Compatible vehicle

- Tesla M3 MY



Several Tesla models do not have a tweeter or are not activated. Focal engineers have developed several cables to have a solution in all cases, to add a tweeter on the door.



# Tesla IS T3Y 100

## Technical Data

**Butyl surround**  
Excellent reliability



**TechnicalFlax<sup>®</sup> cone Flax<sup>®</sup>** sandwich cone manufactured in France from linen and fiberglass, delivering natural mediums and ultra-realistic voices

**Aluminium inverted dome tweeter** True high-frequency reproduction and improved spatialization



**Always connect the filter to the medium**

**Neodymium magnet**  
Remarkable acoustic performance in a limited depth



**Composite structure** Entirely molded light composite structure which makes the speaker rigid and resistant over time.  
**Lighter for electric cars**

**Dedicated connector** for the vehicle No wire to cut

Type	2-way component kit
Max. power	100W
Nom. power	50W RMS
Sensitivity (2.83V/1m)	87dB
Frequency response	150Hz - 20kHz
Impedance	4Ω
Midrange	4" (100mm)
Depth	1 3/8" (33.8mm)
Cone	Flax <sup>®</sup>
Voice coil diameter	1" (25mm)
Motor	Neodymium
Surround	Butyl
Tweeter	Aluminium inverted dome
Crossover	Integrated

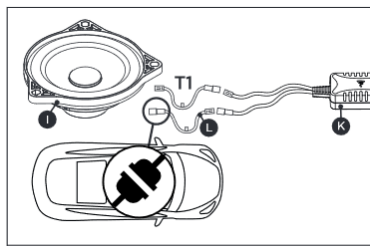
## Tweeter upgrade solution

Focal has developed an exclusive and easy system to upgrade Tesla tweeters, **Without disconnecting the head unit.**



# Tesla IS T3Y 100

## Technical Data



## Tweeter upgrade solution

Focal has developed an exclusive and easy system to upgrade Tesla tweeters,  
Without disconnecting the head unit.

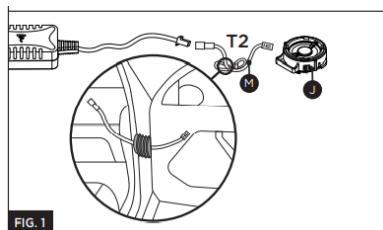


### 1/Tweeter upgrade

If your Tesla has the same connector, White connector in kick panel, you can directly connect this cable. Which will take the audio signal directly from the Medium at the top of the dashboard and activate the tweeter on doors.

# Tesla IS T3Y 100

## Technical Data



## Tweeter upgrade solution

Focal has developed an exclusive and easy system to upgrade Tesla tweeters, **Without disconnecting the head unit.**



## 2/Tweeter upgrade

If your Tesla does not have the same white connector. Simply connect and activate the tweeters with the two tweeter cables. Passing it through the door cable sleeve. This allows the tweeter to be connected to the medium of the dashboard

# Tesla IW T3Y 200

## Front woofer 8"

- 8" Woofer speaker Flax cone.
- Plug and Play connectors
- Neodymium magnet

## Compatible vehicle

- Tesla M3 MY



# Tesla IW T3Y 200

## Technical Data

### Neodymium magnet

Remarkable acoustic performance in a limited depth



**Dedicated connector**  
for the vehicle No wire to cut

**Composite structure** Entirely molded light composite structure which makes the speaker rigid and resistant over time.

**Lighter for electric cars**

### Butyl surround

Excellent reliability



### TechnicalFlax<sup>®</sup>

cone Flax<sup>®</sup> sandwich cone manufactured in France from linen and fiberglass, delivering natural mediums and ultra-realistic voices

### Spacer integrated in the chassis

Perfect integration into the original locations



Type	2 woofers kit
Max. power	150W
Nom. power	75W RMS
Sensitivity (2.83V/1m)	91dB
Frequency response	40Hz - 1500kHz
Impedance	4Ω
Woofer	8" (200mm)
Depth	1 1/4" (31mm)
Cone	Flax <sup>®</sup>
Voice coil diameter	1 1/2" (38mm)
Motor	Neodymium
Surround	Butyl

# Tesla IC T3Y 100

2 ways coaxial kit Front, Rear and surround

- 4" Coaxial med with compact tweeter.
- Plug and Play connectors.
- Can replace front OEM med, without tweeter (standard audio) and so upgrade very simply by adding a tweeter and greatly improve the original sound.



Compatible vehicle

- Tesla M3 MY





# Tesla IC T3Y 100

## Technical Data

**Butyl surround**  
Excellent  
reliability



**TechnicalFlax<sup>®</sup>**  
cone Flax<sup>®</sup> sandwich cone manufactured in France from linen and fiberglass, delivering natural mediums and ultra-realistic voices

**Neodymium magnet**  
Remarkable acoustic  
performance in a limited  
depth



**Composite structure** Entirely molded light composite structure which makes the speaker rigid and resistant over time.  
**Lighter for electric cars**

**Spacer integrated**  
In the chassis Perfect  
integration into the  
original locations

**Dedicated connector**  
for the vehicle No  
wire to cut

Type	2-way coaxial kit
Max. power	80W
Nom. power	40W RMS
Sensitivity (2.83V/1m)	88dB
Frequency response	150Hz-20kHz
Impedance	4Ω
Midrange	4" (100mm)
Tweeter	Aluminium inverted dome
Depth	1 1/4" (33.8mm)
Cone	Flax <sup>®</sup>
Voice coil diameter	1" (25mm)
Motor	Neodymium
Surround	Butyl
Crossover	Integrated

# Upgrade Many Possibilities

**FOCAL** INSIDE

## PACK audio standard - SR - SR+



1x CENTER SPEAKERS  
ICC T3Y 100



1x FRONT SPEAKERS  
IS T3Y 100



1x FRONT WOOFERS SPEAKERS  
IW T3Y 200



1x REAR SPEAKERS  
IC T3Y 100



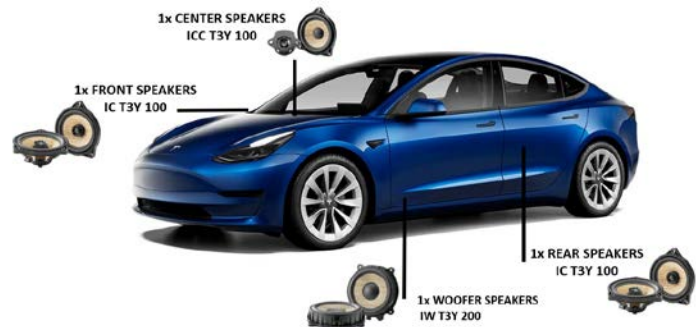
1x SURROUND SPEAKERS  
IC T3Y 100



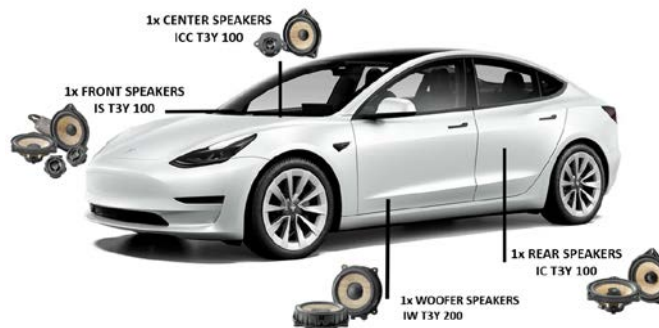
100% PLUG AND PLAY AUDIO SOLUTION

# Upgrade Many Possibilities

- Example



1/ Coaxial upgrade basic level



2/ Component upgrade with tweeters update



3/ Full upgrade All speakers changed



# Upgrade OEM subwoofer easily

- Subwoofer upgrade

MR LR Performance  
Premium audio



For the premium audio versions, the car is equipped with an OEM 8" subwoofer and a specific amplifier installed in the trunk. It is easy to upgrade this subwoofer, replacing the original subwoofer with a focal subwoofer, for example a Focal P20FSE, or a SUB 10 slim /Dual.



Focal subwoofer  
P20 FSE or Sub 10 dual



# Upgrade OEM subwoofer easily

- 8" Subwoofer upgrade Example Focal P20FSE



# TESLA key points

FOCAL *INSIDE*

## Key Points

- Developed and manufactured in France.
- Flax cone. Inverted tweeter cone. Real DNA Focal.
- Full audio system upgrade.
- Simple and quick installation without any necessary modifications of the vehicle.
- Audio upgrade without disconnecting the car computer.
- Invisible integration in the vehicle's interior.
- High fidelity sound and high-power capability.
- Advanced speaker protection.
- Plug & Play OEM connector dedicated to the vehicle.
- Focal solution, with specific cables dedicated to upgrade tweeter.
- Installation video tutorial (available soon)

Powerful audio upgrade with signature Hifi audio Focal

