

SXT802

SXT804



*...is all you need*



SXT1002

SXT1004

SXT1202

SXT1204

SXT1502

SXT1504



SX**TRANSFORMER** GENERATION **v.1**

### CONGRATULATIONS !

You now own an EXCURSION SXT.v1 TRANSFORMER Subwoofer, the new T Generation product of an uncompromising design and german engineering philosophy. A product made from and for Car Audio fanatics who truly believe in the relentless pursuit of perfection. A product stands for a motto and the transformation into a new era of subwoofer production.

EXCURSION Subwoofers are the result of several decades of product improvements, competition, innovation and highest quality parts and control standards in industry. When properly installed these speakers will provide you with many years of listening pleasure and are the perfect balance between high fidelity, extreme performance and long-lasting reliability.

Should your SXT.v1 Subwoofer ever need a service, Please record your information on the following lines to refer to in the event that you may need it later.

Dealer's Name \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Installation Shop \_\_\_\_\_

Installation Date \_\_\_\_\_

At EXCURSION Intl. we are confident you will have many years of outstanding enjoyment from your high performance investment. For maximum performance we recommend that you have your new EXCURSION SXT.v1 Subwoofer installed by an exclusive Authorized EXCURSION Dealer

To learn more about EXCURSION, please visit us on the World Wide Web at

<http://www.excursion.us>

#### **CAUTION !**

Continuous exposure to sound pressure levels in excess of 100dB can cause permanent hearing loss. EXCURSION Speakers are capable of producing sound pressure levels well over 170dB. Please observe all local sound ordinances while listening to your EXCURSION System. EXCURSION Intl. accepts no liability for hearing loss, bodily injury, or property damage due to the result of use or misuse of this product.

## EXCURSION SXT.v1 SUBWOOFER FEATURE

TRANSFORMER ..often discussed, often rejected, always difficult, unreachable.

But time does not stop. The time in which ever greater amplifier performance is always offered cheaper and thus make new demands on entry-level and mid-size subwoofer is not only at EXCURSION today the present. Today calls for a new category of subwoofers that takes into account and builds new demands for more affordable performance. Subwoofers that are similar inexpensive and affordable can perform what was previously the upper class and thus follow up with the same technical development of the amplifiers. It's time and demand for a new generation and we present this T Generation of 8/10/12/15" TRANSFORMER between our well known REFERENCE and EXCELLENCE series columns.

The key to Generation T was to go beyond the limits of steel sheet basket geometry to reliably fix beyond 350oz engines for the first time, opening the door to superclass performance with larger 3 "coils. The goal was immediately set on this new cost-saving platform without further compromises but with economic calculation to dominate these new borders.

So we wind our proven and ventilated aluminum coil former with pure OFC copper up to a winding height of 45mm and result with this generation SXT already an outperform parameters of the several more expensive first generation SXE and SXX series and with comparably large motors. New requirements for centering are here in double execution with reinforced linear NOMEX centering perfectly locked in multiple screwed rings and blood red design. Color accents that repeat in the seams of the oversized high-density surrounds and lettering. Of course, all other known EXCURSION standards can be found in the SXT like our massive double 8GA/10mm<sup>2</sup> high current terminals and here with a 300oz dual stack motor which with a necessarily extended pole plate which oversized ventilation openings have the charm of a revolver that just wants to be charged.

TRANSFORMER or Generation T stands for a motto and the transformation into a new era of subwoofer production. With dimensions of die cast baskets, we have exceeded the limits with our T steel basket. With powerfully punched EXCURSION brand logos and high efficient vent structure we use T basket across the overall 2020 concept as our platform for our SXR REFERENCE, SXT TRANSFORMER and SXE EXCELLENCE subwoofer. Follows us, but note our warning SXT could misunderstand their motto and can also transform the shape of your car.

### Pre-Installation Instructions:

It is recommended that you have your new EXCURSION SXT.v1 Sub professionally installed by your authorized EXCURSION dealer. This will ensure use of proper installation techniques & materials. If you choose to perform your own installation, the following instruction will give you direction making your purchase complete.

The factors for the port area are manifold and can not be reduced only to depend on the cone area of the woofer that is used. But at least it is a good advice not to go with less than  $1/7$  of the cone area for ported and  $1/4$  for bandpass enclosures.

While you are building up and tuning your sub system you should use a trial-port. This should be longer than calculated or recommended. While tuning the system you can find the best sounding length by shortening the port in approx 2 cm steps. The final tuning in the car does not only result out of what you do with the port. Also the position of the port in the enclosure and surrounding areas and position in the trunk have notable impact. The load-through of rear seats are also uncalculable as well size and construction type of the car. This easy effect with different results.

Please do NOT use carpet or cloth within the port or inside the enclosure. It has bad effects on the air flow. It is recommended to round up the ends of the port and ensure a glossy surface where ever the air moves inside the enclosure or port. The moving air mass will speed up and thank you by producing less side noises.

You can also prevent the port itself from resonating. The techniques are the same as you know from building enclosures or damping doors. You can use energy absorbing material or you can raise the stiffness of the port by bracing.

To have your subwoofer system playing clear and accurate you must follow the idea of an acoustical "dead" workplace, with just the moving cone. First of all, the enclosure itself might be not rigid enough. In most cases you can raise the stiffness by implementing braces, that connect in best way four walls. Or at least stiff up the baffle against back-wall. You can build enclosures with wallthickness of many centimetres, but bracing will have same effect with less weight! Now, when your enclosure is stiff and rigid to save you against bomb attacks, you can put it in your trunk. Do not forget it is important to fix it in the trunk of your car.

**For further direction consult an authorized EXCURSION installation specialist**

If you are intending to use multiple subwoofers in your system, EXCURSION recommends having separate chambers for each subwoofer if the subwoofers will be operated by different amplified signals. This prevents possible cancellation.

**WARNING:** The use of silicone rubber to seal in a speaker will void the Warranty! If sealing is needed to the speaker gasket, use caulking cord or vinyl weather strip.

**IMPORTANT:** Never cut any metal that is an integral part of an automobile's safety or structural support system.

**NOTE:** EXCURSION strongly recommends that you operate the complete audio system at low volume before final installation of your MXT Series Subwoofers. This will allow a trial listening test to set maximum volume without distortion.

**CAUTION:** Make sure that all speaker wiring is fully protected from cutting or wear. Any short circuits developing as a result could severely damage the radio unit or amplifier. Make sure that all speaker wires easily reach the speaker terminals without stress on the wire or connectors.

#### PREPARING FOR INSTALLATION

**Note: The tools listed below may be required for proper installation.**

- \* An electric drill with drill bits
- \* Phillips-head and standard screwdrivers
- \* Crimping tool and needle-nose pliers
- \* Silicon sealant or closed cell weather-stripping
- \* Metal file, Hole saw, Tin Snips, Wire strippers

#### INSTALLATION PRECAUTIONS

**Note: Proceed only if you are a qualified installer otherwise let your dealer do it.**

- \* Always wear protective eyewear when using tools
- \* Turn OFF all stereo and other electrical devices before you begin
- \* Disconnect the (-) negative lead from your vehicle's battery.
- \* Keep the speakers in the package until final installation.
- \* Locate fuel lines, brake lines, oil lines, electrical cables when planning installation.
- \* Check to see clearance behind the mounting surface before installing speakers.
- \* When running speaker wires through sheet metal, be sure to use grommets to properly insulate the wires from metal edges.

SXT.v1 8-D2 SPECIFICATIONS

Overall Dimensions	214*144	mm
Nominal Power Handling	700	W/RMS
Transient Power 10ms	2000	W/MAX
Sensitivity	88	SPLO
Frequency Response	50-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	6.3	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 2	Ohm
DC Resistance	Dual 1.9	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	61.1	mm
Voice Coil Height	35	mm
HE Magnetic Gap Height	8	mm
Max.Linear Excursion	13.5 / 27	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	15.73	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.072
Mechanical Q Factor	Qms	5.38
Electrical Q Factor	Qes	0.65
Total Q Factor	Qts	0.58
Moving Mass	Mms	133.9
Eq.Cas Air Load( liters)	VAS	4.18
Resonant Frequency	Fs	50
Effective Piston Area	SD	201.06

NOTE:TS Measurement Connection: Series

Ported 8" SPL Box :

Internal Volume: 30,3 Liter  
 VB nett Volume: 26,6 Liter  
 Port Diameter: 1x 100mm  
 Port Length: 250mm  
 F3: 41,9 Hz  
 F3: 53,4 Hz

Ported 8" SQPL Box :

Internal Volume: 20,8 Liter  
 VB nett Volume: 16,0 Liter  
 Port Height: 25 mm  
 Port Wide: 238 mm  
 Port Length: 359 mm  
 F3: 44,1 Hz - FB: 54,4 Hz

SXT.v1 8-D4 SPECIFICATIONS

Overall Dimensions	214*144	mm
Nominal Power Handling	700	W/RMS
Transient Power 10ms	2000	W/MAX
Sensitivity	88	SPLO
Frequency Response	50-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	6.3	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 4	Ohm
DC Resistance	Dual 3.2	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	61.1	mm
Voice Coil Height	35	mm
HE Magnetic Gap Height	8	mm
Max.Linear Excursion	13.5 / 27	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	9.2	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.081
Mechanical Q Factor	Qms	5.25
Electrical Q Factor	Qes	0.69
Total Q Factor	Qts	0.61
Moving Mass	Mms	110.4
Eq.Cas Air Load( liters)	VAS	4.65
Resonant Frequency	Fs	53
Effective Piston Area	SD	201.06

NOTE: TS Measurement Connection: Paralell

Ported 8" SPL Box :

Internal Volume: 30,3 Liter  
 VB nett Volume: 26,6 Liter  
 Port Diameter: 1x 100mm  
 Port Length: 250mm  
 F3: 41,9 Hz  
 F3: 53,4 Hz

Ported 8" SQPL Box :

Internal Volume: 20,8 Liter  
 VB nett Volume: 16,0 Liter  
 Port Height: 25 mm  
 Port Wide: 238 mm  
 Port Length: 359 mm  
 F3: 44,1 Hz - FB: 54,4 Hz

SXT.v1 10-D2 SPECIFICATIONS

Overall Dimensions	264*193	mm
Nominal Power Handling	900	W/RMS
Transient Power 10ms	2500	W/MAX
Sensitivity	89	SPLO
Frequency Response	43-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	11.0	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 2	Ohm
DC Resistance	Dual 1.4	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	76.5	mm
Voice Coil Height	45	mm
HE Magnetic Gap Height	10	mm
Max.Linear Excursion	17.5 / 35	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	12.12	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.066
Mechanical Q Factor	Qms	5.93
Electrical Q Factor	Qes	1.05
Total Q Factor	Qts	0.89
Moving Mass	Mms	204.7
Eq.Cas Air Load( liters)	VAS	9.34
Resonant Frequency	Fs	43
Effective Piston Area	SD	314.1

NOTE:TS Measurement Connection: Series

Ported 10" SPL Box :

Internal Volume: 42.8 Liter  
 VB nett Volume: 38,8 Liter  
 Port Diameter: 2x 75mm  
 Port Length: each 240mm  
 F3: 41,5 Hz  
 F3: 49,4 Hz

Ported 10" SQPL Box :

Internal Volume: 40 Liter  
 VB nett Volume: 31,3 Liter  
 Port Height: 38 mm  
 Port Wide: 332 mm  
 Port Length: 390 mm  
 F3: 44,8 Hz - FB: 53 Hz

SXT.v1 10-D4 SPECIFICATIONS

Overall Dimensions	264*193	mm
Nominal Power Handling	900	W/RMS
Transient Power 10ms	2500	W/MAX
Sensitivity	89	SPLO
Frequency Response	44-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	11.0	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 4	Ohm
DC Resistance	Dual 2.8	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	76.5	mm
Voice Coil Height	45	mm
HE Magnetic Gap Height	10	mm
Max.Linear Excursion	17.5 / 35	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	8.07	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.061
Mechanical Q Factor	Qms	5.22
Electrical Q Factor	Qes	1.19
Total Q Factor	Qts	0.97
Moving Mass	Mms	208.2
Eq.Cas Air Load( liters)	VAS	8.56
Resonant Frequency	Fs	44
Effective Piston Area	SD	314.1

NOTE: TS Measurement Connection: Paralell

Ported 10" SPL Box :

Internal Volume: 42.8 Liter  
 VB nett Volume: 38,8 Liter  
 Port Diameter: 2x 75mm  
 Port Length: each 240mm  
 F3: 41,5 Hz  
 F3: 49,4 Hz

Ported 10" SQPL Box :

Internal Volume: 40 Liter  
 VB nett Volume: 31,3 Liter  
 Port Height: 38 mm  
 Port Wide: 332 mm  
 Port Length: 390 mm  
 F3: 44,8 Hz - FB: 53 Hz

SXT.v1 12-D2 SPECIFICATIONS

Overall Dimensions	318*213	mm
Nominal Power Handling	900	W/RMS
Transient Power 10ms	2500	W/MAX
Sensitivity	90	SPLO
Frequency Response	38-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	11.5	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 2	Ohm
DC Resistance	Dual 1.4	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	76.5	mm
Voice Coil Height	45	mm
HE Magnetic Gap Height	10	mm
Max.Linear Excursion	17.5 / 35	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	11.38	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.083
Mechanical Q Factor	Qms	6.03
Electrical Q Factor	Qes	1.07
Total Q Factor	Qts	0.91
Moving Mass	Mms	206.9
Eq.Cas Air Load( liters)	VAS	26.3
Resonant Frequency	Fs	38
Effective Piston Area	SD	471.4

NOTE:TS Measurement Connection: Series

Ported 12" SPL Box :

Internal Volume: 60 Liter  
 VB nett Volume: 50 Liter  
 Port Height: 250 mm  
 Port Wide: 100 mm  
 Port Length: 300 mm  
 F3: 53 Hz - FB: 60 Hz

Ported 12" SQPL Box :

Internal Volume: 80 Liter  
 VB nett Volume: 70 Liter  
 Port Height: 250 mm  
 Port Wide: 100 mm  
 Port Length: 300 mm  
 F3: 45 Hz - FB: 52 Hz

SXT.v1 12-D4 SPECIFICATIONS

Overall Dimensions	318*213	mm
Nominal Power Handling	900	W/RMS
Transient Power 10ms	2500	W/MAX
Sensitivity	90	SPLO
Frequency Response	39-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	11.5	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 4	Ohm
DC Resistance	Dual 2.8	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	76.5	mm
Voice Coil Height	45	mm
HE Magnetic Gap Height	10	mm
Max.Linear Excursion	17.5 / 35	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	7.92	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.072
Mechanical Q Factor	Qms	6.14
Electrical Q Factor	Qes	1.23
Total Q Factor	Qts	1.02
Moving Mass	Mms	228.3
Eq.Cas Air Load( liters)	VAS	22.9
Resonant Frequency	Fs	39
Effective Piston Area	SD	471.4

NOTE: TS Measurement Connection: Paralell

Ported 12" SPL Box :

Internal Volume: 60 Liter  
 VB nett Volume: 50 Liter  
 Port Height: 250 mm  
 Port Wide: 100 mm  
 Port Length: 300 mm  
 F3: 53 Hz - FB: 60 Hz

Ported 12" SQPL Box :

Internal Volume: 80 Liter  
 VB nett Volume: 70 Liter  
 Port Height: 250 mm  
 Port Wide: 100 mm  
 Port Length: 300 mm  
 F3: 45 Hz - FB: 52 Hz

## SXT.v1 15-D2 SPECIFICATIONS

Overall Dimensions	391*235	mm
Nominal Power Handling	900	W/RMS
Transient Power 10ms	2500	W/MAX
Sensitivity	91.0	SPLO
Frequency Response	30-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	13.0	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 2	Ohm
DC Resistance	Dual 1.4	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	76.5	mm
Voice Coil Height	45	mm
HE Magnetic Gap Height	12	mm
Max.Linear Excursion	16.5 / 33	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	14.4	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.089
Mechanical Q Factor	Qms	5.73
Electrical Q Factor	Qes	0.78
Total Q Factor	Qts	0.68
Moving Mass	Mms	302.04
Eq.Cas Air Load( liters)	VAS	72.3
Resonant Frequency	Fs	30
Effective Piston Area	SD	754.7

NOTE:TS Measurement Connection: Series

Ported 15" SPL Box :

Internal Volume: 90 Liter  
 VB nett Volume: 75 Liter  
 Port Height: 300 mm  
 Port Wide: 125 mm  
 Port Length: 275 mm  
 F3: 50 Hz - FB: 60 Hz

Ported 15" SQPL Box :

Internal Volume: 120 Liter  
 VB nett Volume: 100 Liter  
 Port Height: 300 mm  
 Port Wide: 150 mm  
 Port Length: 300 mm  
 F3: 45 Hz - FB: 54 Hz

SXT.v1 15-D4 SPECIFICATIONS

Overall Dimensions	391*235	mm
Nominal Power Handling	900	W/RMS
Transient Power 10ms	2500	W/MAX
Sensitivity	91.0	SPLO
Frequency Response	30-300	HZ
Cone Material	Pulp in Matrix	.
Net Weight	13.0	kg
<b>Electrical Data</b>		
Nominal Impedance	Dual 4	Ohm
DC Resistance	Dual 2.8	Ohm
<b>Voice Coil and Magnet Parameters</b>		
Voice Coil Diameter	76.5	mm
Voice Coil Height	45	mm
HE Magnetic Gap Height	12	mm
Max.Linear Excursion	16.5 / 33	mm
Voice Coil bobbin	Aluminium Black	.
Voice Coil Wire	OFC Copper	.
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	.
BL Product	9.08	N.A.
<b>T-S Parameters</b>		
Suspension Compliance	Cms	0.088
Mechanical Q Factor	Qms	5.99
Electrical Q Factor	Qes	0.93
Total Q Factor	Qts	0.81
Moving Mass	Mms	272.05
Eq.Cas Air Load( liters)	VAS	71.8
Resonant Frequency	Fs	32
Effective Piston Area	SD	754.7

NOTE: TS Measurement Connection: Paralell

Ported 15" SPL Box :

Internal Volume: 90 Liter  
 VB nett Volume: 75 Liter  
 Port Height: 300 mm  
 Port Wide: 125 mm  
 Port Length: 275 mm  
 F3: 50 Hz - FB: 60 Hz

Ported 15" SQPL Box :

Internal Volume: 120 Liter  
 VB nett Volume: 100 Liter  
 Port Height: 300 mm  
 Port Wide: 150 mm  
 Port Length: 300 mm  
 F3: 45 Hz - FB: 54 Hz

## **SPECIFICATIONS FOR EXCURSION SXT SUBWOOFER SERIES**

(Due to Constant Improvements, Specifications and Parameters are subject to change without notice)

	Size	Nominal Impedance	Power RMS/PEAK	Sensitivity 1W/1m	Motor Size	Mounting Depth	Inner Dia. Cut out	Outer Dia.	Kg
SXT.v1 8D2	8"/20cm	2x2Ohm	700 / 2000W	88 dB	300 oz.	126mm	186mm	214mm	6.3
SXT.v1 10D2	10"/25cm	2x2Ohm	900 / 2500W	89 dB	300 oz.	168mm	232mm	262mm	11.0
SXT.v1 12D2	12"/30cm	2x2Ohm	900 / 2500W	90 dB	300 oz.	185mm	285mm	318mm	11.5
SXT.v1 15D2	15"/38cm	2x2Ohm	900 / 2500W	92 dB	350 oz.	205mm	353mm	391mm	13.0
SXT.v1 8D4	8"/20cm	2x4Ohm	700 / 2000W	88 dB	300 oz.	126mm	186mm	214mm	6.3
SXT.v1 10D4	10"/25cm	2x4Ohm	900 / 2500W	89 dB	300 oz.	168mm	232mm	262mm	11.0
SXT.v1 12D4	12"/30cm	2x4Ohm	900 / 2500W	90 dB	300 oz.	185mm	285mm	318mm	11.5
SXT.v1 15D4	15"/38cm	2x4Ohm	900 / 2500W	92 dB	350 oz.	205mm	353mm	391mm	13.0

**CAUTION:** Excursion Subwoofer are capable of producing dangerous SPL levels

**ATTENTION:** Excursion Subwoofer demand at least 50 hours break in time for maximum Performance.



## EXCURSION LIMITED WARRANTY POLICY

EXCURSION Intl. offers limited warranty on EXCURSION products under normal use on the following terms:

**EXCURSION Speakers are to be free of defects in material and workmanship for a period of one year.**

This warranty applies only to EXCURSION products sold to consumers by Authorized EXCURSION Dealers in Germany. Products purchased by consumers from an EXCURSION dealer in another country are covered only by that country's Distributor and not by EXCURSION Intl.

This warranty covers only the original purchaser of EXCURSION product. In order to receive service, the purchaser must provide EXCURSION with the receipt stating the consumer name, dealer, product and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Excursion`s discretion and will not be liable for incidental or consequential damages. EXCURSION will not warranty this product under the following situations:

- \* **Speakers received with bent frames or water damages**
- \* **Abuse such as holes in the cone, surround or ripped spider**
- \* **Voice coil damage due to amplifier clipping or distortion**
- \* **Product that has not been installed according to this owner manual**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. No person is authorized to assume for EXCURSION any other liability in connection with the sale of this product.

**Please call prior your authorized EXCURSION dealer** the product got purchased. In case they are not accessible call 0961-416-0420 for EXCURSION Customer Service. You must obtain an RA# (Return Authorization Number) to return any product to EXCURSION Intl. The RA number must be prominently marked on the outside of the shipping carton or the delivery will be refused. Please pack your return carefully! We are not responsible for items damaged in shipping. Return the defective product along with a copy of the original dated retail sales receipt, plus 10,- EUR for handling and diagnostic evaluation to:

**EXCURSION Intl. - A Division of CHPW**  
**Attn: Returns (RA# ..... )**  
**Neustaedter Str. 20**  
**D-92685 Floss / Germany**



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**EXCURSION - A Division of CHPW**

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