



Name	TAPO Electrical System
Function	The electrical system TAPO consists of a PVC plastic profile, which hold two tinned copper stripes. Small brackets hold the profile about 12mm above the underground. Through an electrical power supply, electricity is funneled into the system, which disperses birds like an electric fence. There is no danger for birds or human beings touching the system incidentally.
Components	<ul style="list-style-type: none"> ➢ Plastic profile: 3,000 mm long ➢ Plastic brackets (UV-protected) ➢ Stainless steel flutes ➢ Connective sleeve 3x30 Copper or stainless steel ➢ High insulation cable black ➢ Power supply ➢ Special adhesive
Material	Profile consisting of UV- and weather proof plastic (PVC) Tinned copper strips Connective sleeves Stainless steel (Connective sleeves, flutes) Copper (Connective sleeves, flutes)
Height	20 mm
Width	29 mm
Color	Standard grey/black, any RAL-tone with separate charge
Effectived range	Roughly 100mm
Distance from other material	15mm
Installation	Brackets are glued to the surface in 25cm distance to each other. After dry-off, the PVC profiles can be clipped into the brackets and connected between each other. Connecting the power supply to the internal power system, must be taken care of by client. The power supply and the profiles are connected with high insulation cables.
Application	Without limitation on ledges, attics et al.
Accessories	Rain guard, Lightning Choke
Installation service	System control twice within the maintenance period.

	Accessories	Article-No :
1	Special Adhesive	S-1101
2	Primer	C-3101
3	TONI ES P2 Plastic Holder	E-01-02
4	V2A Rod TONI ES P2	E-01-01
5	Connecting Spring TONI ES P2	E-01-03
6	Connecting Sleeve TONI ES P2	E-01-0402
7	Ferrule for Wiring TONI ES P2	E-01-05
8	Shrink Tubing TONI ES P2	E-01-06
9	Power Supply, 2-wire	E-0801
10	Surge Generator	E-0901
11	Digital System Tester	E-10
12	Warning Sign	E-1101
13	Rain Guard	E-12
14	Lightning Switch	E-13
15	Lightning Choke	E-14

Liability advise

TONI-Products are long established and proven bird control products. However, TONI products can only work effectively as part of an overall and planned programme of bird control. This includes hygiene management and the use of professionally trained personnel. Without limitation, TONI Bird Control Solutions GmbH & Co. KG will not accept liability for any consequences as a result of poor equipment maintenance, misuse, inappropriate use, lack of operative training, failure of due diligence or through lack of prior project consultation. In some countries, the use of TONI products may require an official permit for building regulation or nature conservation. TONI will not accept liability for any consequences as a result of missing approvals.

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Manufacturer: TONI Bird Control Solutions GmbH & Co. KG

Product name: TONI IS P2 Electrical System
 Drawing Scale : 1:1

Name	Date	Product-No:
Done by	14.09.2010	E-01