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Owner's Manual

XC-12000.1
XC-20000.1



Before You begin installation

Your new FOR-X is one of the most rugged, reliable, powerful and best performing amplifier in the world and exemplifies our commitment to excellence in car audio musical reproduction.

Before you begin , you will need tools, supplies and adapters. It is best to make sure you have everything you need before you start.

Amplifier Location

Allow air circulation around the amplifier and never install amplifiers in the engine compartment or on the firewall.

When selecting a location, remember that amplifiers generate heat.

Select a location where air can circulate around the amplifier.

Do not cover the amplifier with carpets or enclose it behind interior trim panels.

Every installation will be a bit different based upon vehicle design, check all locations and placements carefully before making any cuts or connections.

Disconnect Battery

Before you begin, always disconnect the battery negative terminal.

Important:

If wiring connections are made incorrectly the unit will not operate properly and could be damaged. Follow the installation instructions carefully or have the amplifier installed by an authorized dealer.

Things to remember when installing Dragster amplifiers.

The design philosophy of **FORX** car amplifiers and mode of regulation requires that proper installation and load impedance instructions be adhered to at all times. Minimum impedance recommended for XC-12000.1 are 1ohm or 2ohm strapable and for XC-20000.1 is 1ohm stable.

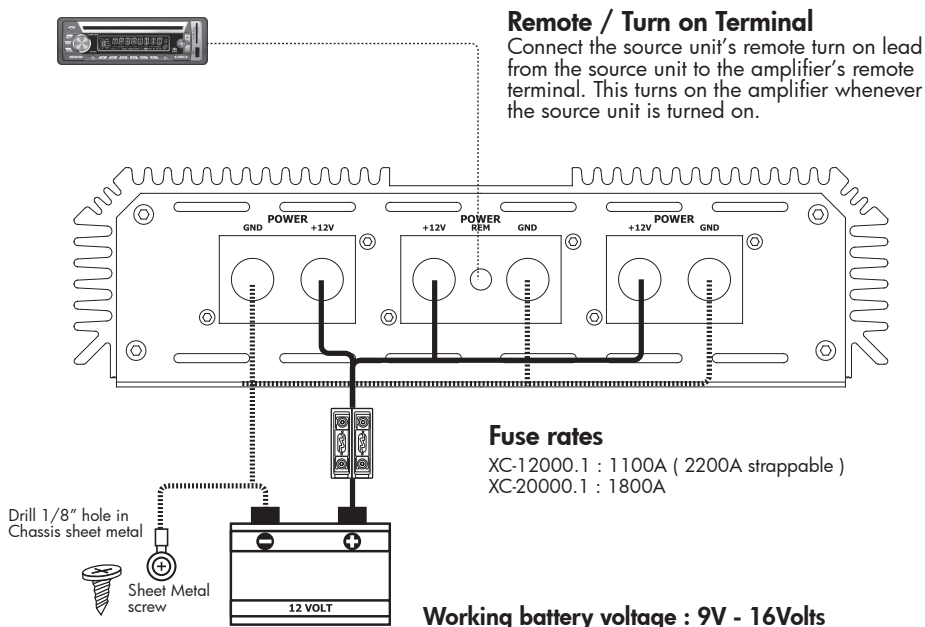
FORX amplifiers are not equipped with fuses so that proper value of external fuses should be used. The fuse ratings should be sufficient under normal working conditions. However, if the amplifiers are overloaded fuses may blow.

Therefore, please try to avoid operating the amplifiers under these conditions.

1. Mount the amplifiers where air flow is the best.
2. Mount the amplifiers to a solid surface away from vibration, as these amplifiers are heavy and the vibration can damage the amplifiers.
3. Take extreme caution when mounting the amplifiers, so as not to damage the chassis with a drill or screwdriver.
4. Run 0AWG wire from the battery, using fuses with 12" of the positive battery terminal. The fuses are to protect the car and your car audio system from the fire that could be caused by a short circuit.
5. Run 0AWG ground wire as short as possible, to the closest chassis ground point. Be sure to remove the paint around the chassis ground point to provide a more solid electrical connection.
6. Run a 16AWG (or larger) wire to the remote turn-on lead of the headunit.
7. Connect the speakers as per wiring diagrams in the manual.
12AWG or larger speaker wire is recommended.

8. Mount remote level control in the car where it can be easily reached from the driver's seat, if desired.
9. Using RCA interconnect cables, connect all line inputs per the wiring diagrams which follow. If possible, keep rca cables away from the 12V power and ground wire.
10. Set the controls as described on following pages.

Power, Remote, Ground Connection.



Power Terminal (+12V)

Before mounting amplifiers, disconnect the negative (-) cable from the battery to protect any accidental damage to your awesome amplifiers and audio system.

Amplifiers are designed to use 0 gauge power and ground connection.

Connect the power cables to power terminal + 12V.

All Dragster amplifiers do not have built-in fuses so they need external fuse connection.

Connect one end of fuse holder to the power cable going into the amplifiers and the other end of fuse holder to positive battery.

This fuse location will protect the system and the vehicle against the possibility of a short circuit in the power cable.

Be sure to use fuses and fuse holder adequate for the application.

Ground Terminal (GND)

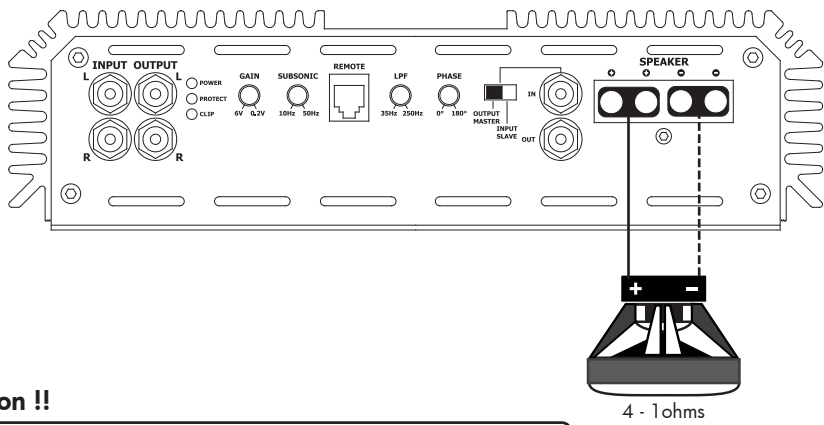
Locate a secure grounding connection as close to amplifier as possible.

Make sure the location is clean and provides a direct electrical connection to the frame of the vehicle. The ground needs to have as low of a resistance as possible.

Connect one end of a short piece of the same size cable as the power cable to the grounding point or to one of your batteries or battery bank.

Run the other end of 0 gauge cable to the mounting location of the amplifiers for connection to the amplifiers ground terminals and connect the ground cable to the GND (ground terminal).

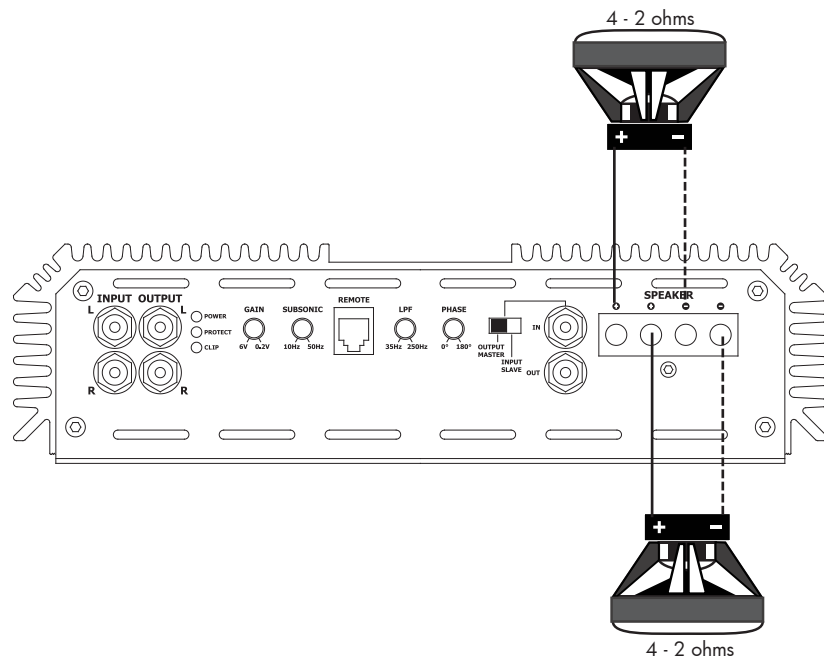
SPEAKER CONNECTIONS



Caution !!

XC-12000.1
Minimum working impedance is 1ohm or 2ohm strapable.
Impedance lower than 1 ohm or 2ohm strapable can damage the amplifier.

XC-20000.1
Minimum working impedance is 1ohm.
Impedance lower than 1 ohm can damage the amplifier.



XC-12000.1 Strapable connection

Strapable connection makes two of same amplifiers linked to 2ohm.

Strapable connection makes the power double than their each 1ohm power.

Please read the following connection and diagram carefully to make correct connection.

Strapable input connection

Step 1. Connect the Master amplifier to the head-unit and set its output master / input slave switch to output master.

Step 2. Set Slave amplifier output master / input slave switch to input slave.

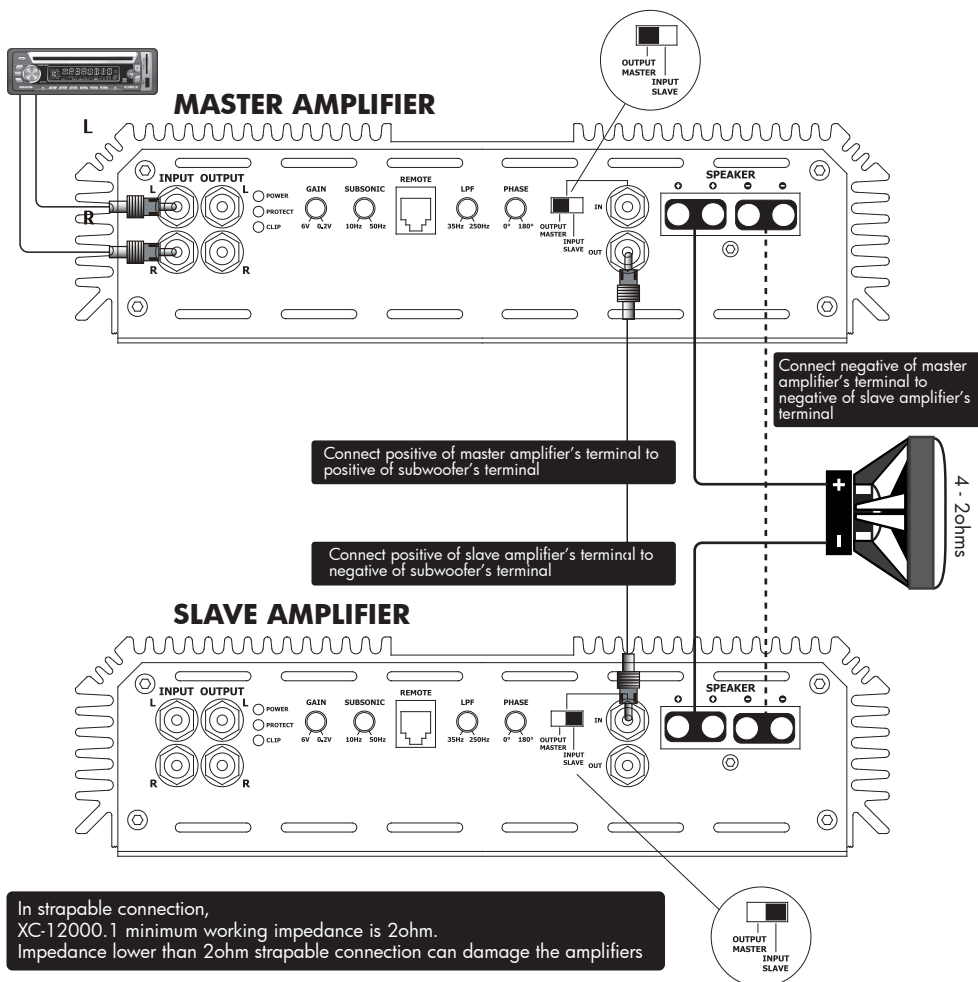
Step 3. Connect RCA cable from the master to the slave amplifier as shown in the diagram.

Strapable speaker connection

Step 1. Connect speaker cable (+) on master amplifier to subwoofer (+)

Step 2. Connect speaker cable (+) on slave amplifier to subwoofer (-)

Step 3. Connect speaker cable (-) on master amplifier to speaker cable (-) on slave amplifier



TROUBLE SHOOTING

NO POWER LED ON, NO OUTPUT

- Check +12V and GND connection
- Check remote signal +12V
- Check the external fuses or built-in.

POWER LED ON, NO OUTPUT

- Check source unit for output
- Check input gain control
- Check RCA cable
- Check speaker and wiring for shorts
- Check for damaged speakers

NO SOUND ON ONE CHANNEL

- Swap left/right input to check source
 - ... If sound swaps too, source or signal cable is bad
- Swap left/right speaker to check speakers
 - ... If sound does not swap, speaker or speaker wiring is bad
 - ... In any case, consult authorized dealer

AMPLIFIER GOES IN PROTECTION MODE AT HIGHER GAIN

- Check speaker impedance
 - XC-12000.1 are 1ohm or 2ohm strapable.
 - XC-20000.1 is 1ohm.
- Check working voltages (9V - 16Volts)
- Check speaker wiring for short circuit

ENGINE OR ALTERNATOR WHINE NOISE

- Check wiring. make sure RCA cables are not run parallel on same side of vehicle as power cable.
- Check any preamps or black boxes in the signal path between source unit and amplifier
- Make sure ground pin (shield or outer barrel of RCA cables) have not lost connection and that source unit has good reference ground.

SPECIFICATION

Features	XC-12000.1	XC-20000.1
4ohm RMS power	4700W x 1	7700W x 1
2ohm RMS power	7200W x 1	13000W x 1
1ohm RMS power	12000W x 1	20000W x 1
2ohm RMS strapable power	24000W x 1	
Frequency Response	13Hz - 262Hz	14Hz - 265Hz
Signal to Noise Ratio	87dB <	97dB <
Damping Factor	400dB <	300dB <
Efficiency (4 ohm, 100Hz)	95% <	95% <
Input Sensitivity	6V - 0.2V	6V - 0.2V
Subsonic Filter	10Hz - 50Hz	10Hz - 50Hz
Phase	0 - 180	0 - 180
Strappable connection	yes	
Bass Boost		0 - 9dB
Low Pass Filter	35Hz - 250Hz	35Hz - 250Hz
0 Gauge Power & Ground Input	Yes	Yes
Working Voltage	9V- 16V	9V- 16V
Remote Gain Control	Included (Clipping indicator)	
Tested Voltage & THD	14.4V & Less than 1% THD	
Dimensions (269x69.5 mm WxH)	700	960

ADANA	KOZAN	DOĞAN ELEKT.	0542 489 52 20	CUMHURİYET MH. ANDIL CAD.NO:55
ADIYAMAN	MERKEZ	YÜKSEL ELKT.	0416 216 63 90	ESKİŞARAY MH. GÖLEBATMAZ CD 710 SK NO:10/A
ADIYAMAN	MERKEZ	TEPE ELKT.	0542 734 14 74	TURGUT REİS MH. ESKİ ZEY YOLU116 SK.NO:3
ADIYAMAN	BESNİ	ARSLANTAŞ ELKT.	0416 318 05 91	YENİ BESNİ MH ESKİ ADIYAMAN YOLU CD NO:7
AFYONKARAHİSAR	EMİRDAĞ	KAHRAMAN ELKT.	0272 442 81 10	YENİ MAH.LİSE CAD.NO:5
AFYONKARAHİSAR	MERKEZ	BARBAROS TEKNİK	0272 215.12.17	MARULCU MH AÇIKGÖZOĞLU SK NO.18/A
AKSARAY	MERKEZ	DÜNYAM ELKT.	0382 212 72 53	ATATÜRK BULV PAŞACIK MH NO.2 OKUR APT ALTI
AMASYA	MERKEZ	YÖNDEN ELKT.	0358 212 97 96	ATATÜRK CD GÜMÜŞLÜ MH 11/B
AMASYA	MERZIFON	MERT ELKT.	0358 513 83 61	HARMANLAR MH. HARMANLAR PASAJI NO:34
ANTALYA	MERKEZ	ESEN ELKT.	0242 244 13 18	100.YIL BLV.ALTINDAĞ MH.163 SK. YILDIZ APT.NO:16/3D
ANTALYA	DOŞEMEALTI	UZMAN ELKT.	0242 421 43 56	ATATÜRK CAD.BAĞÇEKAYA MH.NO:132/A
ANTALYA	ALANYA	ŞAHİN ELKT.	0242 513 51 42	HACET MH BÜYÜKHASBAHÇE CD AKDENİZ APT. NO:13/D
ANTALYA	DOKUMA	YAŞAR ELKT.	0242 334 01 13	ULUS MH. MEHMET AKİF ERSOY CAD.ÇAĞLAR APT.NO:14/B
ANTALYA	KAŞ-KALKAN	KALKAN ELKT.	0242 844 10 03	MENTEŞE MH. GÜL SK.NO:48/B
ANTALYA	MANAVGAT	ÖZÇELİK ELKT.	0242 742 34 38	YAYLA MH FEVZİ GÜVEN CD NO.118/Z1
ANTALYA	SERİK	GÖKTÜRK ELKT.	0242 722 70 53	SANAYİ SİTESİ 5.BLOK NO:4
AYDIN	EFELELER	BİLGİN ELKT.	0256 213 18 45	ATA MH BİRİNCİ SAN SİT 615 SK NO:1
AYDIN	SÖKE	KARADAĞ ELKT.	0536 658 25 50	KEMALPAŞA MH. ALKAN SK.NO:3/B
AYDIN	NAZİLLİ	KAĞAN ELKT.	0256 312 55 45	ZAFER MH ALBAY İ. KARAOĞLAN CD NO.62/A
AYDIN	KUYUCAK	SİSTEM ELKT.	0256 371 32 88	AYDINOĞLU MH. ALBAY MUSTAFA DURGUN SK.NO:7
AYDIN	BUHARKENT	OKUMUŞ ELKT.	0256 391 22 37	ÜÇ EYLÜL MAH.12.SK.NO:9/B
BALIKESİR	BİGADIÇ	GÜÇLÜ ELKT.	0542 773 06 26	SERVİ MH HİTAY CD TOPATAN ÇIKMAZI NO.6
BALIKESİR	BANDIRMA	TDM TEKNİK	0266 713.00.25	İHSANİYE MH. HASTANE SK NO.8/A
BARTIN	MERKEZ	AKIN ELKT.	0378 228 33 34	KIRTEPE MH. HAMAM SK.NO:22
BAYBURT	MERKEZ	DOĞAN ELKT.	0458 210 8504	UNUTULMAZ CAD.GUKKU SK.NO:5
BİNGÖL	MERKEZ	ÇÖZÜM ELKT.	0426 214 63 62	YENİŞEHİR MH. ÖZGÜRLÜK CD. GÜLTEPE SK.NO:3
BİTLİS	GÜROYMAK	FURKAN ELKT.	0434 511 21 75	ÜZÜMVEREN CAD.DEMİRCİLER SK.
BOLU	MERKEZ	ÇAĞDAŞ ELKT.	0374 212 52 84	AKTAŞ MH. TAŞHANCILAR CAD.NO:14/B
BOLU	MERKEZ	EDA ELKT.	0374 215 09 97	KARAMANLI MH. KONURALP CD. ÇELİK AĞ APT.NO:3/E
BURDUR	MERKEZ	ALBAYRAK ELKT.	0248 234 37 90	KONAK MH. OĞUZ SK.NO:17
BURSA	YENİŞEHİR	ALFA ELKT.	0224 772 15 77	YENİGÜN MH. BURSA CAD.NO:30
BURSA	ORHANGAZI	CEM ELKT.	0543 485 28 55	CAMİKEBİR MH. RECEPZADE SK.NO:10/D
BURSA	İNEGÖL	BURAK ELKT.	0224 715 14 48	SİNAN BEY MH. SİNANBEY CAD.NO:15
ÇANAKKALE	MERKEZ	YILMAZ ELKT.	0286 213 11 65	İSMETPAŞA MH. DORUK SK NO:13/B
ÇANAKKALE	GELİBOLU	GÜVEN ELKT.	0286 566 90 70	CAMİKEBİR MH. PAZARYERİ 3.SK.NO:27

ÇORUM	OSMANCIK	DEKA ELKT.	0364 611 73 02	ULU CAMİ MH.ULU CAMİ SK.NO:8/B
DENİZLİ	MERKEZ	DENİZLİ ELKT.	0258 241 03 73	UÇANCIBAŞI MH.586 SK.NO:1
DENİZLİ	HONAZ-KAKLIK	KAYA ELKT.	0258 816 21 12	İSTİKLAL MH. ÇARŞI CAMİ KARŞISI NO:20/B
DİYARBAKIR	MERKEZ	DÜNYA ELKT.	0412 228 01 40	S. NAZIF MELİK AHMET CD. 11/61 ESKİ JAPON PSJ YANI KT.2
DİYARBAKIR	SİLVAN	GALİP ELKT.	0412 711 64 80	GAZİ CD. ASAYİŞ BÜRO AMİRLİĞİ YUKARISI NO:7
DÜZCE	MERKEZ	BEST ELKT.	0380 514 62 81	ÇAY MH. SAATÇİGİL CD NO:19
EDİRNE	KEŞAN	ÇAĞIN ELKT.	0284 714 90 30	ALİ PAŞA HALK ÇARŞISI NO:101
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ERZİNCAN	MERKEZ	ZİRVE ELKT.	0446 223 88 99	MERKEZ ÇARŞISI 5. SK NO.22
ERZURUM	MERKEZ	ES ELKT.	0442 242 23 82	50.YIL CD. CUMHURİYET LİSESİ YANI NO:14
ERZURUM	OLTU	GÖZÜTOK ELKT.	0541 242 33 43	ASLANPAŞA MH. ATATÜRK CD. BELEDİYE BİNASI KARŞISINO.3
ERZURUM	YAKUTİYE	DİJİTAL ELKT.	0536 375 69 47	EVREN PAŞA MH. İBRAHİM HAKKI CD. YAKUTİYE KAYM KAR
ESKİŞEHİR	MERKEZ	IŞIK CAR AUDIO	0222 224 10 00	BAHÇELİEVLER MH. SEYLAH CD. 58/A
GAZİANTEP	MERKEZ	HİTS ELKT.	0342 230 77 35	ALLEBEN MH. KARACAĞLAN SK.NO:7/A
GAZİANTEP	NİZİP	AKKUŞ ELKT.	0342 518 09 52	SAHA MH. SABANCI PAZARI NO:46
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HATAY	SAMANDAĞ	BİLİM ELKT.	0326 512 95 74	ATATÜRK CAD.ATATÜRK MH.NO:68/A
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İSPARTA	MERKEZ	SOYÇİÇEK ELKT.	0246 232 76 04	PIRİ MEHMET MH.1760 SK.NO:12
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İSTANBUL	SULTANGAZİ	KARDEŞLER ELKT.	0212 536 52 28	YUNUS EMRE MH. YUNUS EMRE BLV.NO:11
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İSTANBUL	PENDİK	ZİRVE ELKT.	0532 493 27 10	BATI MAH. HATBOYU CAD.NO:36 D3
İSTANBUL	ARNAVÜTKÖY	FLAŞ ELKT.	0212 597 18 60	MERKEZ MH. FATİH CD.NO:127/C CÖMERT PASAJI ALTI
İSTANBUL	SULTANGAZİ	KIRMIZIGÜL TEKNİK	0212 476 81 35	İSMETPAŞA MH. 95 SK NO:6/A
İSTANBUL	GÜNGÖREN	HKN ELKT.	0212 434 58 80	GÜNEŞTEPE MH. HUZUR SK NO.1
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İZMİR	ÖDEMiŞ	METEOR ELKT.	0232 544 05 06	ORDU CAD.NO:11/A

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KAHRAMANMARAŞ	12.Şub	AKDOĞAN ELKT.	0344 235 15 85	KÖY GARAJI ŞAZİBEYMH.3.TOPTANCILAR BLOK NO:40
KAHRAMANMARAŞ	ELBİSTAN	FLASH ELKT.	0546 236 99 88	CEYHAN MAH.CUMHURİYET CAD.TOKUÇOĞLU SK NO:92/B
KARABÜK	MERKEZ	ÇAĞ ELKT.	0532 747 57 55	HÜRRİYET MH. İNÖNÜ CAD.FATİH ÇARŞISI KAT:1 NO:8
KARAMAN	MERKEZ	STAR ELKT.	0338 213 21 11	YUNUS EMRE CAD.DEVRANOĞLU İŞHANI NO:15
KAYSERİ	MERKEZ	AKIŞ ELKT.	0352 320 14 00	AYDINLIK EVLER MH. CENGİZ TOPEL CD.NO:20/B
KAYSERİ	MERKEZ	ATOM ELKT.	0352 331 20 76	YENİ SAN.BÖL.5.CAD.58.SK.NO:3/A
KIRIKKALE	MERKEZ	ÖMÜR SOUND	0543 445 51 58	TEPEBAŞI MAH.MEHMET AKİF CAD.NO:13/C
KIRKLARELİ	LÜLEBURGAZ	YILDIZ ELKT.	0288 413 00 39	ESKİ EDİRNE CAD.DERE MAH.DERE SK NO:61/2
KIRKLARELİ	PINARHİSAR	HASAN ELKT.	0288 615 35 78	DERE MH. İSMET AGAN CAD.NO:37/A
KİRŞEHİR	MERKEZ	YASİN ELKT.	0546 402 86 19	KUŞDİLİ MH. 1.ÇARŞI TOKMAKÇILAR İŞHANI NO:12/D
KİLİS	MERKEZ	TEKNİK ELKT.	0348 813 75 58	TABAKHANE MH. SALİH AĞA ÇEŞME SK.NO:31
KOCAELİ(İZMİT)	DİLOVASI	SAMET ELKT.	0262 754 79 86	MİMAR SINAN MH İSTİKLAL CD NO.15
KOCAELİ(İZMİT)	GEBZE-DARICA	DENİZ ELKT.	0532 697 70 59	ABDİ İPEKÇİ MH. ETHEM BEY CAD.NO:51
KOCAELİ(İZMİT)	KARAMÜRSEL	KILINÇ ELKT.	0262 452 55 55	İNÖNÜ CAD.M. YASEF SK.NO:10/M
KONYA	SELÇUKLU	METAL ELEKTRONİK	0554 484 90 64	KOSOVA MH İFTİHAR SK NO.3/C
KONYA	SEYDİŞEHİR	LİDER ELKT.	0506 496 93 85	ULUDAĞ CAD.HANBOĞAZI MEVKİİ NO:13/C
KONYA	AKŞEHİR	AS ELKT.	0332 813 44 93	MEYDAN MH. BUĞDAY SK.NO:4
KONYA	EREĞLİ	STAR ELKT.	0530 223 03 32	HAMİDİYE MAH.BUĞDAY PAZARI CAD.2.BELEDİYE İŞ MRK.NO:18/C
KONYA	BEYŞEHİR	BARİŞ ELKT.	0332 512 40 06	DALYAN MAH.ATATÜRK CAD.ÖZTÜRK İŞHANI NO:11/A
KÜTAHYA	MERKEZ	KARDEŞLER ELKT.	0274 212 09 57	LALA HÜSEYİN PAŞA MH. KIBRIS CAD.NO:61/B
KÜTAHYA	SİMAV	ORJİNAL ELKT.	0274 513 33 99	4 EYLÜL MAH.TEVFİL FİKRET CAD.NO:9/C
KÜTAHYA	TAVŞANLI	ÜSTÜN ELKT.	0536 425 46 12	KAVAKLI MAH.CUMHURİYET CAD.NO:29/A
MALATYA	MERKEZ	SİMGE ELKT.	0422 326 46 71	SARAY MH. SARAY SK.NO:36
MANİSA	MERKEZ	DARCAN ELKT.	0236 237 23 83	75.YIL MH 5311 SK NO.17/A KENAN EVREN SAN SİT
MANİSA	ALAŞEHİR	GÖKKUŞAĞI ORT ELEK	0236 653 96 60	SOĞUKSU MAH.İSMET PAŞA CAD.NO:124
MANİSA	ALAŞEHİR	ÜÇLER ELKT.	0236 653 42 71	5 EYLÜL MH MİLLİ EĞEMENLİK CD NO.34/A
MANİSA	SARIGÖL	KARAÇAM ELKT.	0536 870 75 45	AYAN MH. UZUNKUYU SK.NO:1/C
MERSİN	MERKEZ	RİTİMSAN ELEKTRONİK	0324 324 43 29	AKBELEN BULV. H. OKAN MERZECİ MH. NO:179/A TOROSLAR/MERSİN
MERSİN	TARSUS	PARÇA ELKT.	0324 624 91 25	HİLMİ SEÇKİN BULVARI ALPAY APT.ALTİ
MERSİN	TARSUS	UYAR ELKT.	0324 624 01 54	KIZILMURAT MAH.ŞAHMERAN SK.NO:6
MERSİN	ERDEMLİ	ÇEVİK ELEKTRONİK	0324 515 46 05	MERKEZ MH Ş. ÖMER SERİN SK NO:20
MERSİN	BOZYAZI	NET ELKT.	0324 851 36 66	ATATÜRK CAD.SAYDAM PASAJI NO:18
MERSİN	MUT	LİDER ELKT.	0324 774 03 76	PINARBAŞI MAH.KOCA HACI SK.NO:2/A
MUĞLA	FETHİYE	İLERİ ELKT.	0252 612 00 92	ATATÜRK CAD.FETHİYE ŞÖFÖRLER CEMİYETİ ALTINO:67/A

MUĞLA	MİLAS	BİLGE ELKT.	0252 512 61 98	GÜMÜŞKESEN CAD.NO:4/B
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MUĞLA	DALAMAN	UFUK ELEKTRONİK	0850 885 02 82	MERKEZ MH ATATÜRK CD. 85/B
MUĞLA	KÖTEKLİ	ÇAĞDAŞ ELKT.	0252 223 86 13	KÖTEKLİ MH S. KOÇMAN CD TURHAN APT NO.106/B
MUĞLA	BODRUM	ÖZEN ELKT.	0252 373 62 63	YENİ MAHALLE MENDERES BULVARI NO:51/B MUMCULAR
NİĞDE	ÇİFTLİK	YAĞMUR ELKT.	0388 411 26 73	ÇARŞI MAH.MEDAŞ YANI NO:2
ORDU	MERKEZ	CEREN ELKT.	0452 233 22 42	YENİ MAH.KAHRAMAN SAĞRA CAD.NO:119/B
ORDU	FATSA	UÇAR ELKT.	0452 423 84 21	D.PINAR MH. İPEKÇİ CAD. NO:2/A
OSMANİYE	MERKEZ	AS TEKNİK ELKT.	0328 813 96 14	CUMHURİYET MAH.K. KARABEKİR CAD.NO:79/B
OSMANİYE	DÜZÇİ	EMRE ELKT.	0328 876 33 62	İSTİKLAL MH ÇERÇİOĞLU SK NO:15/2
OSMANİYE	KADIRLI	BİLLUR ELKT.	0328 717 60 40	PAZAR MAH.15 SK.NO:1/A
RİZE	MERKEZ	BENİM USTAM ELKT.	0464 253 04 53	EKREM ORHAN MH. TÜRK TELEKOM ARKASI GÜL SK.NO:7/A
SAMSUN	MERKEZ	DİJİTAL ELKT.	0362 234 01 31	ÇİFTLİK MAH.100.YIL BLV.NO:215/C
SAMSUN	MERKEZ	LEVENT TİCARET	0362 420 00 03	FATİH MH. GEBİ CAD.NO:86
SAMSUN	ÇARŞAMBA	DİJİTAL ELKT.	0362 833 96 91	KIRAZLIK ÇAY MAH.DEĞİRMENBAŞI CAD.NO:26 BATIYAKA
SAMSUN	BAFRA	AYDOĞAN ELKT.	0362 543 17 44	TABAKHANE MAH.KAPTAN GEÇİDİ NO:8/C
SİİRT	MERKEZ	ERYILMAZ ELKT.	0484 224 03 92	CUMHURİYET CAD.ULU CAMİ KARŞISI NO:25
SİNOP	MERKEZ	ÖZEN ELKT.	0368 216 53 23	CAMİ KEBİR MAH.İŞCAN PASAJI NO:9
SİVAS	MERKEZ	TURKUAZ ELKT.	0507 991 13 53	KIZILIRMAK MH. YAHYABEY CD. DOĞANTAŞ APT.ALTİ 65/A
ŞANLIURFA	MERKEZ	ÖZEN ELKT.	0541 713 53 63	ATATÜRK MH ASFALT CD NO.43
ŞANLIURFA	BİRECİK	YENİCE ELKT.	0535 353 62 70	KURTULUŞ MH. URFA KAPISI NO:7/B
TEKİRDAĞ	MERKEZ	KARDEŞLER ELKT.	0282 264 26 25	GÜNDOĞDU MH. KÖSELYAS CAD.NO:9/B
TOKAT	MERKEZ	KARAKAŞ ELKT.	0356 214 87 79	TEVFİK PAŞA CAD.SARAY ÖNÜ NO:47
TOKAT	MERKEZ	AKINCI ELKT.	0356 212 56 00	ALİ PAŞA MAH.BEHZAT BLV.26.SK.NO:4
TOKAT	ZİLE	KARSLIOĞLU ELKT.	0356 317 99 20	CEDİT MH UZUNÇARŞI SK NO.83
TOKAT	ERBAA	YILDIRIM ELKT.	0356 715 17 70	İSMET PAŞA MH DR SERMET DURMUŞOĞLU CD KAYALAR İŞ MER NO.18
TRABZON	MERKEZ	DOSTLAR ELKT.	0462 321 48 37	CUMHURİYET MAH.NEMLİOĞLU CEMAL SK.NO:6
UŞAK	MERKEZ	ATAK ELKT.		SARAY ALTI MAH.CELAL BAYAR CAD.NO:25/A
UŞAK	EŞME	BİLGİN ELKT.	0276 414 26 49	ŞEHİT ALİ BEY MAH.HAL CAD.ÇARŞI CAMİ ALTI NO: Z/3
VAN	ERCİŞ	SİSTEM ELKT.	0432 351 78 68	ZÜBEYDE HANIM CAD.NO:4
YOZGAT	SORGUN	GOLD ELKT.		AGAŞ EFENDİ MAH.CUMHURİYET CAD.NO:26
ZONGULDAK	EREĞLİ	ALPER ELEKTRONİK	0372 322 51 00	MURTAZA MH ALİ RIZA OĞUZ SK NO:1/C