Cisco Digital Transport Adapter HDA-IR2 Remote Control

Welcome

The Cisco Digital Transport Adapter (DTA) remote controls your Cisco DTA and the volume and power on many connected TVs. Use the instructions in this guide to set up and use your Cisco DTA remote.

Important Information About Your Remote

The remote control is initially programmed for DTA only. If for your TV, you must program the device as well. Please see Program the Remote to Control Your TV to learn how to enter TV codes and program your remote control.

Batteries

Use two AAA batteries. Check the diagram inside the battery compartment to ensure the batteries inserted in the correct direction.

Note: Batteries must be replaced within two minutes of removal to retain programmed TV code.

⚠ Caution: This remote should be kept out of reach of the children under the age of 6.

Program the Remote to Control Your TV

Program the remote control for TV following these steps:

1. Turn on your TV.
2. Press and hold the "PROG" and "TV POWER" keys at the same time until the LED turns on, then release both keys.
3. Find four-digit device code for your TV brand. Press and release the four numeric keys.
4. If the device code is valid, the LED turns off and the device code will be retained. If the device code is invalid, the LED will blink two times and then remain on. The remote will stay in set up mode. You can go back to step three to enter another code if necessary

Automatic Code Search

If the device code for your TV brand can't be found in the list, please try to search the device code following these steps:

1. Turn on TV device manually.
2. Press and hold the "PROG" and "TV POWER" keys at the same time until the LED turns on, then release both keys.
3. Press the "TV POWER" key on your remote to enter automatic code search mode. The remote will transmit the TV power code every 1.5 seconds and the LED will blink at the same time. When you see the TV device is powered off, the remote has found a valid group device code.
4. Press the "PROG" key to store the code and to exit the search mode.

Volume Control

Press and hold the "PROG" and "TV POWER" keys at the same time until the LED turns on, release keys then either:
1. Press the "VOL-" key to assign the VOL+, VOL-, and MUTE keys to control DTA.
2. Press the "VOL+" key to assign the VOL+, VOL-, and MUTE keys to control TV.
Default state: the VOL+, VOL-, and MUTE keys are assigned to control DTA.

Trouble Shooting

If there is no response when you press any key on the remote, please check the following items before calling for service.

Check the Batteries

Are the batteries inserted correctly? Are the batteries drained? You may need to replace the batteries with new ones.

Check the DTA

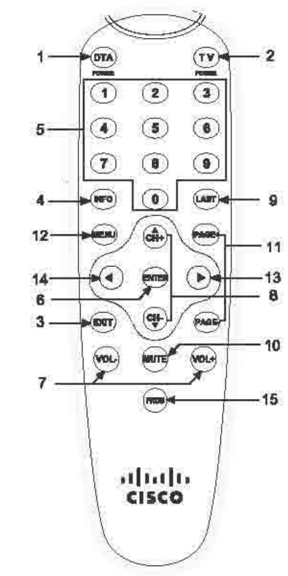
Is the DTA connected to the input of the TV? Is the DTA connected to the cable wall outlet? Is the DTA power cord connected to the power outlet?

Check the TV

Is the TV power cord connected to the power outlet? Is the TV tuned to the correct channel to work with the DTA?

Check the TV Code List

Is your TV's brand included in the code list? Sometimes there is more than one code for a TV's brand, please try to use different codes.
If you can't find your TV's brand in the list or you can't program your remote manually, you should perform the following steps:
-Run Auto Search Mode.
-Use the original remote control that is provided with the TV.



The Keys Including:
1.DTA Power
2.TV Power
3.Exit
4.Info
5.0-9 Digits
6.Enter
7.Volume +/-
8.Channel +/-
9.Last
10.Mute
11.Page+/-
12.Menu
13.Right Arrow
14.Left Arrow
15.PROG

TV Brand and Code List

888	0471 0701
A. R. Systems	0061 0601 2881 0661 0751
Accent	0021 0061 2881
Acer	2961 3281
Acoustic arch	2911
Acura	0021
Adcom	1061
Addison	1181 0201
ADL	2181
Admiral	0171 0231 1191 0821 0471
Advent	1901
Adyson	0081 2051
AEA	0061 2881
AEG	2501 1031 1951
Agashi	2051 0471 0081
AGB	1611
Aiko	0021 0061 2881 2051 0641 0041 0711 0121 0311 0291 0471 0081
Aim	0061 0121 0701 2881 1521 0341 1651 1701 1301
Airis	3221
Aiwa	0981 2341 2581 2401 0021 0311 0341 2881 0061
Akai	0641 2741 2431 0711 1481 0291 0041 0351 1241 2641 0121 1521 0231 0701 1421 1351 1611 1341 0991 0911 0771 3121 0081 1091 2051 0471 0281 0651 1031 2001 2581 0761 1151 2421 2271 2601
Akashi	2151 0021
Akiba	0351 0481 0751 0061 2881
Akira	0821
Akito	0061 2881
Akura	0061 0351 0471 2881 1271 0701 0021 0481 1351 2621
Alaron	2051
Alba	0021 0061 2001 2881 0051 1351 0351 0821 1371 0641 1271 0621 2051 0431 0231 0811 2581 0731 2601

Alfide	1241
Alkos	0041
All-Tel	1881
Allorgan	0081
Allstar	0061 2881
Ambassador	0271
Amplivision	0081 1371 0531
Amstrad	0021 0271 0061 1611 0471 0671 0641 0351 0701 0711 2881 2001 1151 2621
Anam	0061 2881 0021 1161 1871
Anam National	0061 2881 1161
Andersson	1951 2041
Anglo	0021 0471
Anitech	0021 0471 0061 2881 0481 0191
Ansonic	1371 0061 2881 0021 1271 0661 0231 0191 0891 0461 0431 2381 1621
AOC	0021 0101 0171 0201 0281
Aolingpike	0471 0701
Apollo	0761
Arc en Ciel	0211
Arcam	2051 0081
Ardem	1221 1351 0061 1101 2881
Aristona	2881 0061
Arthur Martin	0231
ASA	1621 0181 0581 0111
Asambal	2721
Asberg	0061 2881 0191
Asora	0021
Astra	0061 2881
Asuka	0351 0081 2051 0471 0481
ATD	1301
Atlantic	0061 2881 2051 0531 0461
Atori	0021
Auchan	0231
Audiosonic	0021 0061 0661 1721 0211 2881 1351 1341 0081 1371 0561 0471 0351 1221 2191
Audioton	0081 1221 1371 0471
Audioworld	1301
Aumark	0101
Autovox	0081 0431
AVP	2581
AWA	0021 0031 0051 0661 0701 0061 2881 2051 1031 0081 0201 0471 3021
Axxent	0021
Axxon	1351
B&D	2181
Baier	1901
Baihe	0021 0471 0701
Baile	0001 0021 0661 1211
Baird	0211 2651 0301 0121 0131 0081 0341 2091
Bang & Olufsen	0951
BaoHuaShi	0471 0701
Baosheng	0021
Barco	0231
Basic Line	0021 0661 0061 0351 0231 1271 2881 0481 0081 0751 0571 2001
Bastide	0081
Bauer	1701 0021
Baur	0021 0061 0311 0791 0881 0011 2881 0291 2401
Bazin	0081
Beaumark	0281
Beijing	0001 0021 0341 0371 0471 0661 0701 0801 1211 1741
Beko	1371 1351 0041 1221 1341 0061 0821 2001 2881 1031 1821
Belson	2071 2711
Bennett	2881 0061
BenQ	2511
Beon	0061 2881 0821
Berthen	1271
Best	0561 1371
Bestar	0061 2881 1371 0661
Bestar-Daewoo	0661
Binatone	0081
Black Diamond	1001 1721 2001 2881 1741 1521 1951
Black Panther	0191
Black Star	0431
Black Strip	0041
Blackway	0481 0351
Blaupunkt	0011 0291 0881 0551 0401 0331 0751 0261 0051

Blue Sky	0061 0351 2881 1271 1351 2001 0811 1341 2411 0481 0751 2581 2071 1821 2971
Blue Star	0481
Bondstec	0431
Boots	0081 0021
Bosch	0531 0401
BPL	0061 0481 3111 2881 2721 2841 0341 2551 2811 2691 2791 3131 3391 3251 3101
Brandt	0211 1061 0441 0491 2651 0961 2981
Brandt Electrique	0491 0441
Brinkmann	0061 2881 1271 2661 0821 1221
Brionvega	0061 0671 2881
Britannia	2051 0081
Brother	0471
Bruns	1221
BSR	0231 0311
BTC	0351
Bush	0021 1001 0051 2001 0061 1201 3231 0351 1351 0481 1271 0621 0231 0641 0661 2661 1301 1191 0471 0311 0811 0341 0081 2501 2881 2521 2581 1591 2421 2271 2341 3401
Caihong	0021
Caishi	1971
Canton	0351
Capsonic	0471
Carad	1011 0061 2881 1271 2001
Carena	0751 0061 2881
Carrefour	0051 0111 0061 2881
Carver	0261
Cascade	0021 0061 2881
Casio	0061 2881 0231
Cathay	0061 2881
CCE	0061 0081 2881 2641
CE	2721
Celestial	1711 1721 1741 2681
Centrex	1631 1971
Centrum	2001
Centurion	0061 2881
Century	0431
CGE	0141 0251 0431 0821 1371 0231
Changcheng	0001 0021 0471 0661 0701 1211
Changfei	0021 2641 0661
Changfeng	0471 0701 1521
Changhai	0021 2641
Changhong	2681 1721 0021 0471 0871 1741
Chengdu	0021
Ching Tai	0021
Chun Yun	0021
Chunfeng	0021 0471
Chung Hsin	0201 0051
ChungFeng	0701
Chunsun	0021
Cimline	0021 0351
Cinema	1241
Cinex	1151 2501
Citizen	0101
City	0021
Clarivox	0061 0821 2881 0111 0191
Clatronic	0061 0431 1371 0641 1351 0351 0471 2881 0081 0021 0191 0531 1151 1031 1951
Clayton	2001
CMS	2051
CMS hightec	0081
Cobolt	1971
Combitech	2581
Concorde	0021
Condor	0531 0061 1371 2881 2051 0021 0481 0191 0431 0821 0891 0231 0471
Conia	1531 1741 2711 1721
Conrac	1821
Conrad	0061 2881
Contowa	0021 0471 0701 1301 1521 2031
Contec	0021 2051 0051 0031 0471 0061 2881
Continental Edison	0211 0491 0811
Cosmel	0021 0561 0061 2881
Crosley	0141 0431 0251 0231
Crown	0021 1331 0061

	1371 1221 2881 0821 0811 1351 1031 1241 1341 0341 1181 0571 2001
Crown Mustang	1241
CS Electronics	2051 0351 0431
CTC	0431
CTX	2511
Curtis Mathes	0101 0171 0241
Cybertron	0351
Cytronix	2321
D-Vision	0061 2621 2881
Daewoo	1111 1211 0661 2411 0861 0061 2881 0021 2051 0351 0081 1891 0281 0261 2531 2581 1931 0201 2931 3361 1901 1881 1241
Daimichi	0351 2051
Daitsu	2891
Danichi	0351
Dansai	0061 2881 0471 0041 2051 0021 0051 0081 0341
Dansette	0701
Dantax	1371 1221 1351 1031 1341 2581
Datsura	0341
Dawa	0021 0061 2881
Daytek	1301 2101 1651 3021 1241 3011
Dayton	0021 2101 3011
Daytron	0021 0661 0061 2881
Dayu	0661 1211
de Graaf	0341 0071 0911 0231 1191
DEC	1661 2151 1971
Decca	0061 0121 1611 2881 0081 1891 1051 2581
Deitron	0061 2881 0661 0351
Dell	2281
Denko	0471
Denver	0061 2881 1031 2061 1281
DER	0301
Desmet	0531 0061 2881 0021
Diamant	0061 2881
Diamond	0471 1301 0021 1731 2051 0641 2151 1721
Digatron	0061 2881
Digihome	2041
Digiline	0061 2881 0181 1271
DigiLogic	0061 2881
Digitex	1721
Digitor	0061 2881 1941 1871
Digivision	0311
DigiX	1931
DiK	0061 2881
Dixi	0021 0061 2881 0431 0081
DL	1971 1631 0061 1281 1881
DMTECH	3411 2951
Domeos	1271
Domland	0691
Dongda	0021
Donghai	0021
Dream Vision	2481
DSE	1941 1871 2501 1721
DTS	0021
Dual	2661 0081 2651 0061 2881 0461 0601 0691 0231 1891 1091 2041 2001
Dual Tec	0081
Dumont	0111 1621 0191 0081 0121
Dunai	0231
Durabrand	0061 0281 2381 2881
Dux	0061 2881
DVX	1971
Dynatron	0061 2881
e:max	1031
Easy Living	2271 2421
Ecco	1581 1651
ECE	0061 2881
Edison-Minerva	0811
Elbe	0461 0721 0671 1371 0231 0061 2881 0351 0291 0891 1011 0081 1611 0311 2251
Elbe-Sharp	1611
Elcit	0431 1611 0191 0231
Elekta	0021 0061 2881 0471 0481
Elfunk	2121 2001
ELG	0061 2881

Elin	0061 2051 0911 2881 0181 1621 0311 0231 0021
Elite	0351 0061 0531 2881 2881
Elman	0191
Elta	0021 0471 2051
Emco	0431
Emerson	0271 0281 1351 0431 0061 2881 0641 0111 0481 0531 0311 2411 1221 1371 0231 0541 1271
Emperor	0481
Enzer	1521
Erae	2991
Erres	0061 2881
ESC	0061 2881 0081
Estèle	0231
Ether	0021
Etron	0001 0021 0061 2881 0231 1721
Eurofeel	0471 0081
EuroLine	0061
Euroman	2051 0471 0061 2881 0081 1371
Europa	0061 2881
Europhon	0061 1611 0191 0231 0081 2881 0431 2051
Evesham	2271 2421
Excel	0061 2881
Expert	0461 0231
Exquisit	0061 2881 0431
Fagor	0061 2881
FairTec	2071
Family Life	0061 2881
Feilang	0021
Feilu	0021
Feiyan	0471 0701
Feiyue	0021
Fenner	0661 0021
Ferguson	0061 0131 0211 1061 0491 0441 2651 0961 0301 2881 0041 1181 1621 0201 0311 0911 0731 2001 3211 2341 2581
Fidelity	0231 2051 0791 0311 1191 0061 2881 0641 0701 0301 0471 2581
Filsai	0081
Finlandia	0341 0581 0911 0311 0231 1191 0121 0491 2651 0091
Finlux	0061 0181 0111 1621 0121 2881 1351 0581 0891 1611 0081 0231 1341 0191 1091 0841 0771 2501 0761 0821 1031 1051 1821
Firstar	0021
Firstline	0021 0061 2051 2881 0081 0661 0431 1271 0541 1351 0231 2411 0191 0891 0121 0341 0311 2001 2071 1821 2971 1951 2991
Fisher	1621 0081 0051 0341 1371 0941 0091 0311 0231 0121 0121
Flatdisplays	2701
Flint	0061 0751 2881 1011 0121 0351 0471
FNR	0191
Fonda	2831
Force	2041
Forgestone	0301
Formenti	0061 0231 0531 2881 1221 2051
Formenti-Phoenix	2051 0531
Fortress	0171
Fraba	0061 2881 1371
Friac	0021 0061 2881 0191 1371 0861 1171 1011
Frontech	0231 0431 0471 1191 0081 0021
Fujimaro	1881
Fujitsu	1261 0121 0191 1861 0081 0231 0021 0601 0061 2881 0311 0461
Fujitsu General	0021 0081 0231
Fujitsu Siemens	2321 2421 2271 3001 1951 1821
Funai	1271 0471 0701
Furi	0471 0701
Furichi	2151
Futronic	0471 1661 2151
Future	0061 2881
G-Luxon	3221

Galaxi	0191 0061 2881 0311 0231
Galaxis	1371 0821 0061 0191 2881
Galeria	0021
Gateway	2511
GBC	0231 0021 0661 0351 1191
GE	2651 0281 0481 0961 0491 0211 0441 1061
Geant Casino	0231
GEC	0061 0231 0311 0121 0081 1611 2881
Geloso	0021 0431 1191 0231 0661
General	0211 0491
General Electric	2651 0491
General Tehnic	0021
Genesis	0021 0061 2881
Genexxa	0231 0351 0061 2881 0701 0021
Gericom	1881 2321 2771 2181 1931
Gevalt	2991
Giant	0081
Gintai	1391
Goldfunk	1271
Goldhand	2051
Goldline	0561
GoldStar	0001 0061 0021 0281 1371 0651 0081 0431 2881 2051 0231 0311 0211 1191 1031 0071 1351 1341 0751
Gooding	0811
Goodmans	1111 2421 0051 2001 2271 0061 0121 0861 0081 2881 1351 2651 1271 0641 2411 0661 0471 1611 0021 0811 0041 0771 0961 0441 0351 2581 2251 1211 2521 1931 2191 1281 3021
Gorenje	1371
GPM	0351
Gradiente	1181 0261 2731 0061 2881
Graetz	0231 1351 0311 0641 0061 0571 2881 1951
Gran Prix	1151
Granada	0061 0091 0121 2881 0341 0371 0081 0571 1611 0201 0051 0761 0441 0961 0231 1191 0361 2651 0911
Grandin	0061 0481 2881 0021 0231 1011 1351 1341 1271 0661 0531 0351 0751 2001 1881 2071 1931 3011 3031
Gronic	0191 0081 0231
Grundig	0011 0021 0051 0061 0111 0281 0291 0721 0731 0811 0871 0881 2881 1021 1241 1281 1371 1471 1651 2191 2201 2251 2341 2581 2601 2651 2991 3021 3441
Grunkel	1951
H&B	1821
Haaz	1651
Haier	1301 0471 1601
Haihong	0021
Haiyan	0471 0701
Halifax	0471 2051 0081
Hallmark	0281
Hammerstein	0471 0101
Hampton	2051 0081
Hanimex	0351 2581
Hankook	0281
Hanseatic	0061 0531 2881 0311 0861 2661 0231 1211 0481 0691 1111 1371 0021 0081 0651 1351 1821 1221
Hantarex	0021 1611 0061 2881 0191 2951 3141
Hantor	0061 2881
Harper	1881
Harwa	1581 2091 2301
Harwood	0021 0701 0061 2881 0811
Hauppauge	0061 2881
Havermy	0171

HCM	0021 0481 0701 0061 2881 0081 0351 0821 0471
Hedzon	2881 0061
Hema	0081 0021
Hicon	3191
Hifivox	0211
Higashi	2051
Highline	0471 0061 2881
Hikona	0351
Himitsu	1601
Hinari	0021 0341 0051 0061 2881 0351 0231 0621 0731 0811 0471 2581
Hisawa	0481 0351 0751 1011 2581 1351
HISense	2971 0341 0021 0871 1521 1741 2031 2121 1631 2881 3121
Hitachi	0361 2211 0021 0971 0051 0071 0201 0761 0231 2651 0081 0211 0321 0281 1611 0121 0781 0861 0061 0871 2881 0911 1191 1381 1111 1491 2001 1891 2031 0181 0841 2391 0311 0791 0771 1991 2451 2041 1911
Hitachi Fujian	0201 0361
Hitsu	0021 1011 0751 0351
HMV	0301
Höer	1351 2501 1881 1951
Home Electronics	1031
Hongmei	0021 0171 0471
Hongyan	0471 0701
Hornyphon	0061 2881
Hoshai	0351 0751 0481
Hua Tun	0021
Huafa	0021
Huanghaimei	0021
Huanghe	0021
Huanglong	0021
Huangshan	0021 0471 0701
Huanyu	2051 0661 0471
Huaqiang	0471 0701
Huari	0471 0701
Hugoson	1961 2181
Hygashi	0081 2051
Hyper	0021 2051 0081 0431
Hypersonic	0311
Hypson	0061 0471 2881 0481 1351 1341 0081 0751 2581 2001 1271 1221
Hyundai	0061 1881 3201 2881 1651 2151 1521 2751 2241 1901 3361 2501 3301 3311
Iberia	0061 2881
ICE	0081 0471 0061 0641 0021 2881 0351 2051
Ices	0351 2051
Ict	0061 1891 2881
Igo	2781
IISonic	3021
Iiyama	2181 1961
Imperial	0061 0141 0231 0431 1371 0821 0251 2881 2251 0891 0311
Imperial Crown	0001 0021 0471 0661 0701 1211
Indiana	0061 2881
InFocus	2021 2771
Ingelen	0231 0811 1011 1351 0311
Ingersoll	0021
Inno Hit	0021 0121 1611 0061 2881 0351 0081 0431 0191 0481 1951
Innova	0061
Innovation	2661 0061 2881
Innowert	1881 2321
inotech	1581 1721
Interactive	0061 2881 0791 0401 0231 0311 1371 0211 0891
Interbuy	0021 0061 0471 0431 0791 2881
Interfunk	0061 0231 2881 0431 0311 0791 0401 1371 0211 0551
Internal	0061 2881 0861 0661 2411
International	2051
Intervision	0061 0481 0081 0191 0751 0471

	0641 0651 2661 1221 1371 0691 0811 0351 0231 0431 0021 2881
Irradio	0021 0061 2881 0351 0431 0641
IRT	1301
Isukai	0351 0061 2881 0481 0751
ITC	0081 0531
ITS	0061 0641 0351 0481 0471 2051 0021 2881
ITT	0231 0311 0771 0911 0761 0301 0581 0571 0341 1011
ITT Nokia	0311 0911 0231 0761 0771 0581 0341 0571 1031 1011 1091 1191
ITV	0471 0061 2881 0431 0661
JDV	2621
Jean	0051 1391 0021
JEC	0041
Jialicai	0021 0471 0701
Jinfeng	0341 0371
Jinque	0021 0471 0701
Jinta	0021 0471 0701
Jinxing	0021 0471 1301 1741
JMB	0061 0861 1111 0661 2881 0731 2581
JNC	3411 1901
Jocel	1331
Jubilee	2881
Juhua	0471 0701
JVC	0051 0171 0301 0351 0641 0821 0871 1031 1161 1181 1261 1451 2731 3481
Kaige	0021 0471 0701
Kaisui	0021 0351 2051 0481 0061 0081 2881 0751
Kambrook	0651
Kamp	2051
Kanghua	2551
Kangli	0001 0021 0471 0661 1211
Kangyi	0021 0471 0701
Kapsch	0231 0311 0461 1621
Karcher	0061 2881 1371 1011 0231 0481 0191 0471 1591 1351 2501 1031
Kathrein	2881 0061
Kawa	0641
Kawasho	2051
KB Aristocrat	0231
Kendo	0061 1011 0671 2881 0231 2661 0791 1371 0651 1191 0891 0191 0431 1151 2001 2381 1221
Kennedy	0231 0721
Kennex	2001
Kenwood	0181
KIC	0081 2641
Kingsley	2051
Kiota	0001
Kioto	2881 1651
Kiss	1681
Kiton	2881 0061 1271
KLL	0061
Kneissel	0061 0461 1371 1011 0891 0661 0861 2881 0721 0671 2581
Kobra	3191
Kolin	0201 0051
Kolster	0061 2881 0191 0431 0351
Kongque	0021 0471
Konichi	0021
Konka	0061 2881 0641 1351 0821 0351 1121 1281 1531 1601 2711 1661
Kontakt	0811
Korpel	0061 2881
Korting	1371 0531
Kosmos	0061 2881
Kotron	0701 0471
Koyoda	0021
KTV	0081
Kuaile	0021 0471 0701
Kuba	0231
Kuba Electronic	0231
Kulun	0021
Kunlun	0341 0371 0471 0661 1211
Kyoshu	0701 0821 0471
Kyoto	0231 2051 0081
L&S Electronic	1881 1351
LaSAT	1221 1371

Lavis	2001 0061 0231
Leader	0021
Lecson	0061 2881
Legend	0021 0561
Lemair	0891
Lenco	0061 1391 0021 0231 0661 2881 1621 1281 2001
Lenoir	0021
Less	0431
Levis Austria	0061 2881
Lexsor	2091
Leyco	0061 0471 0121 2881
LG	0001 0021 0061 0081 0101 0201 0211 0231 0281 0311 0431 0651 2881 1031 1131 1301 1341 1351 1371 1761 1851 2051 2071 2261 2801 2851 2921 3081 3471 3501 3531 3591
Liesenk & Tter	0061 0401 2881
Liesenkotter	0061 0401 0331 2881
Lifetec	0061 0021 2661 0661 1271 0791 1171 2001 1891 2881 0351 0471 1261 2271 2421 1351
Lloyd's	0001 0021
Local Calcutta TV	3171 2831 2841 2721
Local Chennai TV	0641 3171 0471 0991 3261 2831 3051 3091 0021
Local Delhi TV	2741 3231 3171 3261 2831
Lodos	2001 2041
Loewe	0791 1101 1641 0061 2881 1171 1371 0671 1611
Logik	0001 0031 0101 1301 1581 0021 0301 0471 0641 1931 2181 2001
Logix	1271 2661
Longjiang	0471 0701
Luker	2621
Luma	0061 1191 0231 0891 2881 0661 0021 0671 0461
Lumatron	1191 0061 2881 0671 0231 0461 0311 0081 0471 0131
Lux May	0061 0021 2881
Luxor	0321 1951 0311 1191 0771 0841 0341 0911 0231 0581 0761 2001 0081 1091
LXI	0281
Madison	0061 2881
Magnadyne	0191 0431 1611 0231
Magnafon	0191 1611 2051 0131
Magnavox	0061 2881 0051 1651 1631 1151
Magnum	1351 0061 2881 1341 2311
Mandor	0471
Maneth	0061 0081 2881 0471 0531 0041 0231 1191
Manhattan	0061 1901 2881 1271 2001 2891 0231 1591
Marantz	0061 2881 0701 3311
Mark	0061 2881 0081 2051 0661 0021 1351 1341
Master's	0861 0061
Masuda	0351 0641 0021 0471 0061 0081 2881
Matsui	0021 0061 0031 2881 0041 0811 0051 0121 0271 0341 0621 0081 0641 0731 0711 1611 1191 0751 0231 0091 0011 0291 0441 1351 2581 2001 2341
Matsushita	1161
Matsuviama	1281
Maxam	0471
Maxdorf	1581

Maxim	2621 2501
MCE	0021
ME	2721
Mediator	0061 2881
Medion	0061 1271 1351 2001 1821 2661 2881 0791 1891 1301 2581 2381 2521 2271 2421 1931 2311 2341
Megas	1011
Megatron	0281
MEI	2001 0061 2881
Meile	0471 0701
Melectronic	0021 0581 0061 0791 1621 0211 2651 0231 0431 0181 0081 0491 0661 0771 0841 2051 0891 2881 1111 0311 0291 0011 1211 1351 3401 3401
Memorex	0021 0281 2001 1161 0101
Memphis	0561 0121 0021
Mercury	0001 0061 0021 1301 0471 2881 2641
Merritt	0911 0311 0231
Metronic	1061
Metz	0681 0881 0741 1511 0631 1951 0011 0291 0061 2881 1281 1271 2001 3321
MGA	0281 0061 2881 0351 1621
Micromaxx	0061 2881 1271 2001 2251 1821
Microstar	1821
MicroTEK	1721
Mikomi	2041
Minato	0061 2881
Minerva	0111 0811 0881 0011 0291 1611 0201
Minoka	0701 0061 2881
Mirror	2521
Mistral Electronics	0301
Mitsubishi	0201 0171 0791 0061 0281 0051 0301 0881 2881 0341 2001 2371
Mitsuri General	0231
Mivar	2051 1611 1371 1141 0081
Monaco	0021
Morgan's	0061 2881
Motorola	0171
MTC	0101 1371 0791 0231 2051 0311
MTlogic	1351 2191
Mudan	0021 0341 0371 0471 0701
Multibroadcast	0301
Multistandard	0191
Multitec	0061 2881 1221 1271 2001 2501
Multitech	0021 0191 1191 2051 1221 0061 0081 1371 2881 0431 0471
Murphy	1621 2051 0121 0231
Musikland	0061 0351 0431 2881
MyCom	3021 0281
Myryad	2881 0061
NAD	0241 0281 0311 0231
Naiko	0061 2621 1031 2881
Nakimura	0661 0061 2881
Nanbao	0021 0471 0701
Nansheng	0471 0701
Naonis	1191 0231
Narita	2621
NAT	0371
National	0371 0341 0871
NEC	0021 0031 0051 0061 0081 0261 0281 0471 0531 0661 0701 0751 0861 0871 2881 1181 1211 1281 1321 1561 2031 2481 2901 3551
Neckermann	0061 0291 1371 2881 2401 0551 0231 0401 0821 0431 0081 0891 0531 1191 0791
NEI	0061 0561 2881 0641 0231
Neovia	2771 1881 3411 3001 2991 1901 3021 3041 2951

Nesco	0431 2581
Netsat	0061 2881
Network	0561
Neufunk	0061 0021 2881 1011 0351 0481 1351
New Tech	0061 0021 2881 2651 0081
New World	0351
Newave	0021 1391 0281 0171
Nfren	1681
Nicamagic	2051
Nikkai	0121 0041 0351 0061 2881 2051 0081 0471 0561 0021 0051
Nikkei	1351
Nikko	0281
Nippon	2831
Nishi	0801
Nobliko	0191 0111 2051
Nogamatic	0211
Nokia	0311 0231 0761 0771 0911 1031 0841 1091 0571 0341 0661 0581 0531 1011 0211
Nordic	0081
Nordmende	0211 1351 1971 0491 2651 0961 0011 0061 2881 0441 0231 2421 2271
Norfolk	0231
Normerel	0061 2881
Novak	0061 2881
Novatronic	0061 0181 0661 2881
Novita	3041
NU-TEC	0751 1301 1721 0061 2881
Nurnberg	0231 0311
Oceanic	0231 0311 0341 0761 0911 0771
Odeon	0471
Okano	1371 0061 2881 0471 0121 0021
Olidata	3021
Omega	0471
Omni	1631 1971 1301
Onida	2721 0931 2781 2861 1181
Onwa	0641 0991 0351 0711 0191
Opera	0061 2881
Optimus	1161 0241
Optonica	0171
Orbit	0061 2881
ORoom	3071 3291
Orion	0061 0271 0731 0621 2881 2351 1351 0531 1171 0541 0031 1611 0021 0191 0471 0701 2341 2581 1931 2091
Orline	0061 0351 2881
Ormond	1271 2001 0061 2881
Orsowe	1611
Osaki	0121 0351 0081 0471 0701 0061 0661 0621 2881
Osio	0061 2881
Oso	0351
Osume	0121 0051 0351 0061 2881
Otto Versand	0051 2401 0061 0081 0531 2651 0171 0791 0881 2881 0011 0291 0311 0211 0371 0431 0021 0481 1611 2661
Pace	2581
Pacific	0061 2881 1891 1351 2001 0731
Pael	2051
Palladium	1371 0061 0821 1171 0891 2251 1351 1891 0291 2401 0551 2881 0431 0401 0231 2661 0081 1191
Palsonic	0471 0701 1581 0061 1601 0081 0651 0351 1301 2881 0001 0821 2761 1591 2091 2301
Panama	0021 0081 0471 2051 0061 2881 0431
Panashiba	0001
Panasonic	0001 0061 0101 0201 0231

Panasonic	0001 0061 0101 0201 0231 0281 0311 0341 0371 0631 0871 0911 2881 1161 1611 1841 1861 2361 2461 2551 0501
Panavision	0061 0891 2881
Panda	0021 0341 0371 0471 0701 0871 1301 1741
Papouw	0061 2881
Pathe Cinema	0231 2051 0531 1371
Pathe Marconi	0211
Pausa	0021
Peng Sheng	1971
Penney	0101 0281
Perdio	0531 0121 0231 0061 2051 0481 2881
Perfekt	0061 2881
Philco	0251 0141 0821 0431 0061 2881 0231 1371 0281 2661 0781
Philex	0301 0231
Philharmonic	0081
Philips	0021 0061 0151 0551 0201 0281 0291 0301 0311 0331 0391 0661 2881 1021 1081 1391 1571 2511 2651 3271 3451 0921 3541 3571
Phocus	2311 2191 1351
Phoenix	0061 2881 1371 1221 0231 0121 0121 2051 0531
Phonola	0061 2881 0301 2051
Pilot	2881 0061 1331 1651
Pioneer	1551 0031 0241 0061 0211 0261 0231 1251 2881 0491 2871 1371 2651 0311 1221 0791
Pionier	1371 1221
Plantron	0061 2881 0471 0021
Playsonic	1351 0061 0081 0571 1341 3401
Policom	0191 0211 0311 0231 0111 0141 0251 0881
Polytron	0481
Poppy	0021
Portland	0661 2411
Powerpoint	0811 0061 2881 1301 2711
Prandoni-Prince	0431 1611 0311 1191
Precision	0081
Premier	0021 0471
President	2151
Prima	0021 0471 0701 2301
Princess	1301
Prinston	2001
Prinz	0121 0311 0321
Profex	0021 0231 0311 1191
Profi	0021
Proline	0061 0541 2881 1061 1111 2251 0891 0121 1051 3021
Prosonic	0061 2881 1371 0661 0641 1271 1351 2051 0081
Protech	0021 0061 2881 0191 0081 0431 0471 0561 0821 1271 0481 0231 1221 2001
Proton	0001 0281 0021 1131
Provision	0861 0061 2881 2001 1351
PVision	2071 1901
Pye	0061 2881 0661 0701
Pymi	0021
Qingdao	0341 0371 0471 0701
Quadral	0351
Quasar	0431 1161 1881 0021
Quelle	0031 0061 2401 0111 0141 1621

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Questa	0051
R-Line	0061 2881 0231
Radialva	0211 0351 0231 0061 2881 0491 0561
Radiola	0061 2881 0081
Radiomarelli	1611 0431 0061 2881
RadioShack	0061 2881 0281
Radiotone	0021 0061 2881 1371 0821 0701 1151 1271 0471 2001
Rank	0111
Rank Arena	0051 0991 1521
RBM	0111
RCA	1061 0101 0171 0281 0961 0441 1041 2651 1251 1521
Realistic	0281
Recor	0061 0821 2881
Rectiligne	0061 2881
Rediffusion	0311 0911 0051 0581
Redstar	0061 2881
Reflex	0061 2881 2001 1271
Relisys	1881 1901 1911 2771 2101 2171 2321
Reoc	1351 1111 2411
Revox	0061 2881 1371
Rex	0231 0461 0471 1191 0891 0431
RFT	1371 0121 0471 0061 2881 1221
Rhapsody	2051
Ricoh	0061 2881
Rinex	1581 0821
Roadstar	0021 2001 0351 0471 0821 0471 0821 0061 2881 1351 1271 0481 2341 2061 2521
Rodex	0061 2881
Rover	0051 1911
Rowa	0061 0471 1301 0021 0081 1331 2051 1281 2881
Royal Lux	1371 0701 0441
Rukopir	2881 0061
Saba	0211 1061 0231 0491 0961 0441 2651 1611 0311 0851 0911 1161 1351
Sagem	1011 0751 0481 1771 1041 3351
Saige	0021
Saisho	0021 0031 1611 0271 0471 0081 0231
Saivod	0061 2621 2881 1951 1271 1331 2001
Saka	0231
Sakyno	0751
Salora	0231 0321 0311 0911 1611 1191 0571 0341 0771 1051
Salsa	0441
Sambers	0191 1611
Sampo	0021 0051 0171 0281 1161 1391
Samsung	0021 0061 0081 0101 0121 0171 0231 0281 0341 0371 0471 0801 2881 1041 1061 1131 1281 1371 1741 2051 2111 2221 2641 2661 2671 3241 3341 3371 3771 0411 3601 3631 3661 3691 3721 3831 1231 1501 1751 1801 0901 1311 2291 1691
Sandra	2051 0081
Sanjian	0471 0701
Sansui	0061 1171 1421 2881 1651 0641 1411 3051 1871 2821 0991 0751 1941 1521 2991
Santon	0021
Sanyo	0341 2121 1391 0031 0051 0091

	1371 0571 0121 2051 1621 0081 0941 0701 0021 0871 0231 0061 0201 2881 1221 0261 1321
Sanyuan	0021 0171
Save	0061 2881
Saville	2581
SBR	0061 2881 0301
Schaub Lorenz	1031 1221 0661 2071
Schneider	0061 1891 0351 0431 2881 0641 2661 1271 0691 0601 0461 2651 0081 0311 2001 0231 1151 1351 2411 2581 2621 2341 0111
Scotch	0281
Scotland	0231
Scott	2061 0281
Sears	0281
Seaway	1111
Seelver	2881 2001 0061
SEG	0051 0061 0081 2881 0471 2001 1271 2381 0811 0021 0231 1111 0191 0431 0671 2051 1951 0351 2411 1351
SEI	0191 0271 1611 2401 0231 0061 2881
Sei-Sinudyne	0191 1611 2401 0061 2881
Seitech	2181
Seleco	0231 0461 0671 1191 0891 0641 0051 0471 0581 0721
Sencora	0021
Sentra	0041 0351 0021
Serino	1011 0751 2051 0171
Shancha	0471 0701
Shanghai	0021 0341 0371 0471 2641 0701
Sharp	0051 0171 0301 0331 0451 1611 1181 1551 1951 2081 2371 0021 1161 0551 3611 3641
Shen Ying	0021
Shencai	0021 0471 0701
Sheng Chai	0021
Sheng Chia	0021 0171
Shenyang	0021 0471 1521
Sherwood	0021
Shintoshi	0061 2881
Shivaki	0061 2881 0731 0661 0281
Show	0821 0021 0121
Siarem	0191 1611 0231
Siemens	0061 0291 0011 0881 0551 0401 0331 2881 0311
Siera	0061 2881 1281
Siesta	1371
Silva	0061 2881 2051 0311 1151
Silva Schneider	2501
Silver	0051 0061 0751 0311 2881 1341 0231
SilverCrest	2001 0061 2881
Singer	0021 2431 0061 2881 0191 0431 0721 0441 0231
Sinotec	1581
Sinudyne	0191 0271 1611 0231 0311 2401 0061 2881 2581
Sky	0061 0481 1931 0281 2881 3071
Skymaster	0181
Skysonic	1521
Skyworth	0061 2881 0021 0471 1301 1411 1521
Sliding	1881 1931 3011 3031 1681
SLX	1271
Smaragd	0811
Soemtron	1881 2321
Sogera	0531
Solavox	0231 0311 0121 0911 0061 2881 0311 0911 1351
Sonawa	0351
Sonber	0191
Songha	0021
Soniko	0061 2881
Soniq	3191
Sonitron	0341 1371 0571 0081

Sonneclair	0061 2881
Sonoko	0021 0061 2881 0471 0481 0081
Sonolor	0231 0341 2401 0911 0311 0481
Sontec	0061 2881 1371 0021
Sony	0031 0051 0061 0141 0171 0191 0261 0611 2881 1161 1791 1981 2331 2401 2471 3381 3701 3621
Sound & Vision	0191 0351 0661 0061 2881
Soundesign	0281
Soundwave	0061 0821 2881 0531 1341
Sowa	0101 0371 0051 0281
Soyea	1581
Spectra	0021
Ssangyong	0021
Stabsonic	0021
Standard	0021 0061 0081 2881 0351 2001 0531 0661
Starlite	0021 0231 0061 2881 0471 0701
Stenway	0481 0351
Stern	0231 0461 1191 0471 0891 0721
Stevison	2621 2501
Strato	0061 2881 0471 0021
Strong	1951 2041 2001 0061 2881 2701
Stylandia	0081
Sunic Line	0061 2881
Sunkai	0541 0621 0751 0351 1011 0061 2881 0811 1881
Sunstar	0641 0061 2881 0021 0471
Sunwatt	0751
Sunwood	0061 2881 0021
Superla	1611 2051 0081
Supersonic	0341 2881 1301 0471 1701 0751
SuperTech	0021 2051 0061 2881 0351
Supra	0281 0661 0021
Susumu	0351 0441 0491
Sutron	0021
SVA	1281 1881
Svasa	1701
Swissline	0431
Swisstec	3071 1931
Sydney	2051 0081
Synco	0051 0101 0171 0281
Sysline	0061 2881
Sytong	2051
T+A	0741
Taccico	0281 0021
Tai Yi	0021
Taishan	0021 0661
Tandberg	0631 0891 0211 0561 0671 0311 0231
Tandy	0351 0121 0171 0081 0231 0431
Targa	2991
Tashiko	0051 1391 0081 1161 0261 2051 0231 1191
Tatung	2501 0021 0051 0061 2881 0121 1611 0101 0081 0031 1051 2581 2511 2991 2421 2271 2071
TCL	1411 2721 0701 1301
TCM	1351 2311 1821
Teac	0021 1301 0061 0791 0471 0481 2381 0701 2001 0821 2881 0751 1331 1271 0081 1651 1391 2411 0281 0261 1351 2041 2491
TEC	0081 0431 0021 0441 0561 0461 0061 2881 0311 0231
Tech Line	0061 2881 1271 2381 1951
Tech Lux	2061
Techica	0351
Technema	0531
Technica	2621
Technics	1161
TechniSat	1171 0061 2881 0231 2891
Technisson	1351 2311
Technosonic	0061 2881 0861
Techwood	1951
Tecnimagen	2881
Teco	0021 0051 0171 0281 0351 0471 1181
Tedelex	0081 1301 1031 1651 0061 0821 0021 2431 0341 1971 1281 2881
Teiron	0021
Tek	1661
Teknika	0101
Tele System	1901
Telecavia	0211 2651 0491

Telecor	0061 2881 0231 0351 0081 0461 0691
Telefunken	1061 0141 0961 0211 1281 0441 1301 2651 1331 0851 1721 2551 1531 3071 1631 0491 1971 0251 0131 0061 2881 1221 1351 2501 0581 1741
Telefusion	0061 2881
Telegazi	0061 0231 0461 0351 0471 2881
Telemeister	0531 0061 2881
Telesonic	0061 2881
Telestar	0021 0061 2881 0701
Teletech	0021 0061 2881 1271 0431 0561 2001
Teleton	0051 0081 0231 0461 1191
Televideon	0531 0231 2051
Teleview	0061 2881
Telexa	0191
Tempest	0021 0061 2881 0471
Tennessee	0061 2881
Tensai	1621 0351 0531 0061 2881 0081 0021 0181 0661 0641 0651 0431 1341 0231 2001
Tenson	0531 0021
Tesla	0061
Tevion	2661 2711 2271 2321 0061 2421 2881 2681 2501 1151 1821 1271 1881 1891 1351 2001 2311
Texet	2051 0081 0351 0661 0021
Texla	1631
Thomson	0061 0211 0441 0491 0531 2881 0961 1061 2051 2651 3651
Thorn	0041 0201 0301 0061 0211 0121 0131 0361 0141 2651 1621 0311 2401 0251 0861 1621 0311 2401 0251 0861 0791 0881 2881 0031 0441 0051 0091 0661 0111
Thorn-Ferguson	1621 0201 2651 0211 0301 0311 0441 0861 0131 0041
Tiane	0171
Tiny	2091 2301
Tiny Digital	1201
TMK	0271 0281
Tobishi	0351
Tobo	0021 0471 0701
Tokai	0121 0061 2881 0561 1271 0231 0081 0661 0021 2001
Tokaido	2001
Tokyo	2051 0041 2641
Tomashi	0481 0351
Tongguang	0471 0701
Tongtel	1631 1281
Topline	2001 1271
Toshiba	0011 0021 0041 0051 0061 0081 0101 0111 0171 0191 0211 0291 0471 0701 0871 1041 1131 1161 1301 1351 1361 1441 1741 1781 1951 2021 2121 2311 2341 2441 2481 2501 2581 2601 2611 2801 3671 3731
Towada	0191 0081
Toyoda	0021 0641 0471
Trakton	0021 0471 0081
Trans Continens	1271 0081 2001 0061 2881 1221
TRANScontinents	1051 3011 3031 1881 2881
Transonic	0061 1301 2881 1331 0751 1281 0791 0471 0821 0021
Transtec	2051
Triad	0061 2881 0351
Trident	1611 0081
Tristar	0471 0351 0301
Triumph	0271 1611 0581 2881 0061
Tsoschi	0481
Tuntex	0021
TVTEXT-95	2881
Uher	0531 0061 2881 0661 0821 1221 1371 0461 0771
Ultravox	0191 0661 0431 2051 0231 0061 2881
Unic Line	0061 2881 0761 0751
United	1351 0061 1341 2881 2341 2581 2001 1281 2621
Universal	1351 0061 2881
Universum	0061 0581 0141 0181 1621 0011 0471 0761 1371

	0881 0311 0431 0841 0771 0551 0821 0031 0791 0051 0111 0231 2881 0891 0401 0331 2401 1271 0081 0211 0671 0561 0271 1091 0021 0251 2001 2381 0261 1951 2041 1041
Univox	0061 2881 0561 0231
Utax	0231
V7 Videoseven	2491 0281 1931 3021 2181
Vestel	0061 0231 0081 2881 1271 2001 1951
Vexa	0021 0061 2881
Victor	1181 0051 1161
Videocon	0871 3161 3151 3181 2641 3061 2741 3331
Videologic	0351 2051
Videologique	2051 0351 0081
Videosat	0431
VideoSystem	0061 2881
Videotechnic	2051 0081 0531 0661
Videoton	0231
Vidikron	0191
Vidtech	0051 0281
Viewpia	1901
ViewSonic	2491 2941
Viper	0561
Visiola	2051
Vision	0061 0531 0471 2881 0081
Vistar	0311
Vortec	0061 2881
Voxson	0231 0281 0061 2881 1191 0821
Waltham	0081 0821 0491 0061 2881 1271 0211 2001 0231 0731
Wards	0281
Warumaia	0661 1211
Watson	0061 2001 0531 2271 2421 2881 0231 0021 1271 0351 2661 0691 2581 2381 3021 3291 0401
Watt Radio	0191 0231 2051
Wega	0051 0061 2881
Wegavox	0021 0061 2881
Weipai	0021
Welltech	1351
Weltblick	0061 2881 0531 0081
Weltstar	2001
Weston	0061 2881
Wharfedale	0061 1871 2661 2551 2881 2501
White Westinghouse	0061 0531 2051 2881 0561 2411
Windsor	1271 2001
Windstar	0481 0561
Windy Sam	2881
Wintel	1351
World-of-Vision	1931 1961 1881 2311 2321 1911 2181
Worldview	0751 0091
X-View	2071
Xenius	1111 1211
Xiahua	0021 0471 0701 1301 1581 1601
Xianghai	0021
Xiangyang	0471 0701
Xihu	0471 0701
Xinaghai	0701
Xingfu	0021
Xinghai	0471
Xingyu	0021
Xinsida	2641
Xlogic	1301 2151
Xoro	2091 2181
Xrypton	0061 2881
Yamaha	1161 2451
Yamishi	0481 0751 0351 0061 2881 0081
Yingge	0021
Yokan	0061 2881
Yoko	0061 0081 0471 2881 0351 0021 1371 0571 2051 0431
Yonggu	0021
Yorx	0351
Yousida	0021
Yuhang	0021
Zanussi	1191 0081
Zenith	0281 2411
Zenor	0571
Zhuhai	0021 0661
Zonda	1301 1601
ZX	2581

Handling Disposable Batteries

This product may contain disposable batteries. Heed the following warning and follow the Battery Safety and Battery Disposal instructions below.

Battery Safety

-Insert batteries correctly. There may be a risk of explosion if the batteries are incorrectly inserted.
- Do not attempt to recharge 'disposable' or 'non-reusable' batteries.
-Please follow instructions provided for charging 'rechargeable' batteries.
- Replace batteries with the same or equivalent type that we recommend.
-Do not expose batteries to excessive heat (such as sunlight or fire).
-Do not expose batteries to temperatures above 100°C (212°F).

⚠ **Warning:** There is danger of explosion if the battery is mishandled or incorrectly replaced. Replace only with the same type of battery. Do not crush, puncture, dispose of in fire, short the external contacts, or expose to water or other liquids. Dispose of the battery in accordance with local regulations and instructions from your service provider.

Battery Disposal

The batteries may contain substances that could be harmful to the environment. Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations.

The batteries may contain perchlorate, a known hazardous substance, so special handling and disposal of this product might be necessary. For more information about perchlorate and best management practices for perchlorate-containing subsances see www.dtsc.ca.gov/ hazardouswaste/perchlorate

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