

REMOTE MASTER

Pre-programmed 980

Universal Remote Control



GB

- Pre-programmed for most brands of equipment
- Perfect replacement for lost or broken remotes
- Replaces 8 remote controls, TVs, VCRs, SATs, DVDs & CTVs
- With teletext & fasttext function

FR

- Préprogrammé
- Remplace les télécommandes perdues ou endommagées
- Remplace 8 télécommandes, TVs, VCRs, SATs, DVDs & CTVs
- Fonctions télétexte et texte rapide

DE

- Vorprogrammiert
- Ersetzt verlorene oder defekte Fernsteuerungen
- Kann bis zu 8 fernbedienungen ersetzen, TVs, VCRs, SATs, DVDs & CTVs
- Mit teletext-und fasttext-funktionen

IT

- Pre-programmato
- Rimpiazza telecomandi rotti o persi
- Rimpiazza 8 telecomandi, TVs, VCRs, SATs, DVDs & CTVs
- Con funzioni teletext & fasttext

ES

- Pre-programado
- Reemplaza la pérdida o interrupción de distancia
- Reemplaza a 8 controles remotos, TVs, VCRs, SATs, DVDs & CTVs
- Con función de teletexto texto-rápido

UNIVERSAL REMOTE CONTROL (URC)

This URC is pre-programmed in the factory. It replaces up to 8 separate controls to operate your infra-red controlled televisions (TVs), video cassette recorders (VCRs), satellite receivers (SATs), cable TV converters (CTV) and digital video disc players (DVDs). Simply entering correct device codes for your equipment and your URC is ready to use. A DEVICE CODE LIST is included in the booklet – OPERATING INSTRUCTIONS.

Before operating the remote, please read thoroughly (1) this coversheet and (2) the manual. Then reserve them for future reference.

For this remote, 3 fresh AAA size alkaline batteries are required (not included).

TÉLÉCOMMANDE UNIVERSELLE (TCU)

Cette TCU est préprogrammée en usine avec potentiel d'apprentissage. L'appareil peut remplacer jusqu'à 8 télécommandes différentes pour faire fonctionner vos téléviseurs, enregistreurs de vidéo-cassette (VCR), récepteurs par satellite (SAT), lecteur DVD (DVDs) et boîtiers de réseau câblé (CTV) à commande par infrarouges. Il vous suffit de sélectionner le code approprié à votre matériel et la TCU est prête à l'emploi. Cette notice d'emploi contient une LISTE DES CODES D'APPAREIL.

Avant toute première utilisation, veuillez lire entièrement la notice d'utilisation (2) et les instructions sur le couvercle du compartiment des piles (1). De plus, conservez précieusement la notice; celle-ci contient des informations importantes.

Utilisez 3 piles AAA type (non inclus).

UNIVERSAL-FERNBEDIENUNG

Die UFB wird in der Fabrik vorprogrammiert, Sie brauchen nur die richtigen Gerätecodes Ihrer Ausrüstung einzugeben und die UFB kann angewendet werden. Eine GERÄTE CODE LISTE wird mitgeliefert. Die UFB ersetzt bis zu drei (3) Fernbedienungen, mit denen Sie Ihre über Infrarot gesteuerten Fernseher, Videokassettenrekorder (VCRs), Satellitenempfänger (SATs), DVD-Spieler (DVDs), und Kabel-TV-Umwandler (CTVs) betreiben können.

Bevor Sie die Fernbedienung in Betrieb nehmen, lesen Sie bitte ausführlich (1) den Inhalt des Deckblattes und (2) diese Anleitung. Behalten Sie die Anleitung zum Nachschlagen.

3 neue AAA Batterien erforderlich (nicht enthalten).

TELECOMANDO UNIVERSALE (URC)

Questo URC è pre-programmato in fabbrica con abilità di apprendimento, ovvero appena programmate i codici per la vostra unità, l'URC è pronto per l'uso. Questo URC sostituisce 8 diversi telecomandi per operare con televisioni a infrarossi (TV), videoregistratori (VCR), ricevitori satellite (SAT), lettore DVD (DVDs) e ricevitori via cavo (CTV). Una LISTA DEI CODICI è inclusa nel Istruzioni per l'uso.

Prima di far operare il telecomando, vi preghiamo di leggere attentamente (1) l'interno della confezione e (2) questo manuale d'istruzione. Per qualsiasi problema futuro fare sempre riferimento a questo manuale.

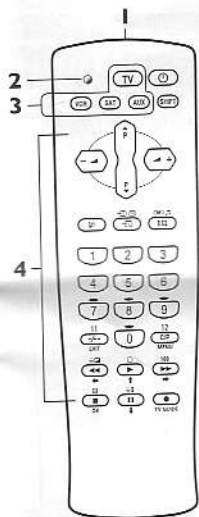
Sono richieste 3 batterie del tipo AAA (non incluso).

CONTROL REMOTO UNIVERSAL (CRU)

Este CRU es un dispositivo pre-programada de fabricación, además contiene una capacidad de aprendizaje. Este reemplaza a más de 8 controles remotos separadamente para operar su televisión de control infra-rojo (TVs), grabadora video casete (VCRs), receptor de satélite (SATs), reproductor de DVD (DVDs) y caja de cable (CTVs). LISTA DE CÓDIGOS DE DISPOSITIVOS estará incluida dentro. Su CRU estará disponible para su uso con solamente introducir los códigos del dispositivo de su equipo correctamente.

Antes de usar el mando a distancia, lea detenidamente el interior de la portada, así como este manual. Luego guardelos para futuras consultas.

Requiere 3 pilas nuevas tipo AAA (no incluida).



MAIN FEATURES

1. Infrared Transmitter
2. Status Indicator
3. Device Mode Keys
4. Function Keys
5. Battery Compartment

PRINCIPALES CARACTÉRISTIQUES

1. Émetteur à infra-rouges
2. Voyant d'état
3. Touches des modes de l'appareil
4. Touches de fonction
5. Logement des piles

FUNKTIONSTASTEN

1. Infrarot-Sender
2. Anzeige LED
3. Geräte-Modus-Taste
4. Funktions-Tasten
5. Batteriefach

FUNZIONI PRINCIPALI

1. Transmittente infrarosso
2. Indicatore della scelta
3. Tasti dei modi apparecchio
4. Tasti delle funzioni
5. Comparto per le pile

COMPONENTES PRINCIPALES

1. Transmisor infra-rojo
2. Indicador del status
3. Teclas de tipo de dispositivo
4. Teclas de funcione
5. Compartimento de pilas

FUNCTION KEYS DESCRIPTIONS

Key Symbol	Description	For Digital Satellite
	Power ON / OFF	
	Mute	
	Device Mode Key	
	Volume +/-	
	Channel +/-	
	A/V Sources (Input Connector I)	Switch to TV
	First or Second Language	Language / Audio
	One / Two Digits Mode	Exit
	Channel / Programme	Menu
	Direct Channel Choice	
	Play	Cursor Up
	Stop	Confirm
	Pause	Cursor Down
	Fast Forward	Cursor Right
	Rewind	Cursor Left
	Record	TV Guide

SECONDARY FUNCTION

Key Symbol	Description
	Colour +/-
	Brightness +/-
	(Stereo)
	(Input Connector 2)
	TEXT ON (Puts the Television in the Teletext Mode)
	TV (Switches the Television Back to Regular Viewing Mode)
	Mix TV / Text (Teletext)
	Hold Page (Teletext)
	100 Index (Teletext)
	Timer
	11
	12
	Red (Fasttext)
	Green (Fasttext)
	Yellow (Fasttext)
	Blue (Fasttext)
	Shift 1...6 will contain one of following groups of functions:- -10+,20+,30+,40+... -11, 12, 13, 14, 15... -ANT1,ANT2,ANT3,ANT4... -F1, F2, F3, F4... etc...

Try all keys to identify the best use of your Universal Remote Control.

Universal Remote Control
REMOTE MASTER

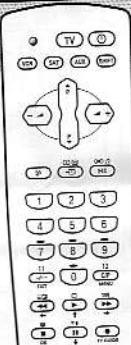
980

Pre-programmed

8 in 1

QUICK SETUP INSTRUCTION

1. Choose device
2. Press "P" & "←" together until status indicator lights up
3. Enter 4-digit code refer to Device Code List



Requires 3 AAA size batteries for controller operation (batteries not included)

REMOTE MASTER 980 is compatible with the following brands of Televisions, Video Cassette Recorders, Satellites Receivers, Cable TV Converters and Digital Video Disc Players.

ADC	CONNECTIONS	GENOVA	LUXMAN	OSAKA	SAMSUNG
ADCOM	CONTEC	GLUCAR RECORD	LUXMAN STEREO TUNER	OSAKI	SANSUJI
ADMIRAL	CONTINENTAL EDISON	GOLDSTAR	LUXOR	OSUME	SANYO
AIKO	CRAGG	GOODMANS	LYCO	OTTO VERSAND	SAT
AIWA	CROGLEY	GOODMANS (UK)	M ELECTRONIC	PACE	SATCOM
AKAI	CROWN	GORBNE	MACAS	PACE MSS	SATECO
AKURA	CTC CLATRONIC	GRAETZ	MAGNADYNE	PAEL	SBR
ALBA	CXC	GRANADA	MAGNAFON	PALCOM	SCHAUB LORENZ
ALBRAL	DARWOOD	GRANADA (UK)	MAGNASONIC	PALSTAT	SCHNEIDER
AMSTRAD	DANSAL	GRUNDIG	MAGNAVOK	PALTEC	SCIENTIFIC ATLANTA
ANAFI	DARTRON	HANSEATIC	MANESTH	PANSAT	SCOTT
ANITECH	DECCA	HANTAREX	MARANTZ	PANASONIC	SECTOR
ANITSCH	DECCA (UK)	HARMANKARDON	MARELLI	PANORAMIC	SEDEA
ANKARO	DEGRAAF	HCM	PARA	PATHE MARCONI	SEG
ARC EN CIEL	DENON	HENNERMANN	PARA	PATHE CINEMA (F)	SEI
ARCAM	DISCUS ELPSE	HIFI VOK	MARTA	PAUSA	SEI-SINUDIENE
ARISTONA	DISKXPRESS	HIGH PERFORMANCE	MASPRO	PAUSA	SELECO
ARTHUR MARTIN	DXI	HIRSCHMANN	MATSUJI	PALIZA	SENTRA
ASA	DDIC	HITACHI	MAXIMAL	PENTAX	SHARP
AST	DORIC	HYPHER	MCMICHAEL	PERDIO	SHERWOOD
ASTRA	DRAKE	ICX INTERNATIONAL	MEDIA	PHILICO	SHINTOM
ATANTIC	DUAL	IMPERIAL	MEDIA	PHILIPS	SHOWVIEW
ATLANTIC	DUAL-TEC	INGERSOL	MEDIA	PHONONIX	SIBAM
ATORI	DUMONT	INNO HIT	MICROMAXX	PHONOLA	SICATEL
AUDIOSONIC	DYNATECH	INNOVATION	MINERIA	PILOT	SIEMENS
AUDIO-TECHNICA	DYNASTAR	INTERFUNK	MINOLTA	PIONEER	SILVER
AUSIND	ECHOSTAR	IRADIO	MISSION	PORTLAND	SINGATURE
AUTOCOK	ELBE	ITT	MISTRAL	PRANDONI-PRINCE	SINGER
BAIRD	ELECTRO TECH	ITT	MITSUBISHI	PRANDONI-PRINCE	SINTRACK
BANG & OLUFSEN	ELEKTRONSKA	ITT	MORGANS	PROFEK	SINUDIENE
BARCOM	ELIN	ITT	MOVIE TIME	PROLINE	SKANTIC
BASIC LINE	ELTA	ITT	MTC	PROSAT	SKYLAB
BAUER	ELTA SAT	JENSON	MULTITECH	PROTECH	SKYSCAN
BAUR	EMERSON	JENSEN	MURATTO	PTT TELECOM	SOLIVOX
BEKO	ERRES	JERROLD	MURPHY	PYE	SONOKO
BLAUPUNKT	ETRON	JOHANSSON	MURPHY (UK)	QUARTZ	SONY
BMC SATELLITE	EURODEC	JYC	NAKAMICHI	QUASAR	SOUNDESIGN
BRANDT	EUROPHON	KAGUI	KARASHER	QUELLE	SSS
BRIONVEGA	FENNER	KAMOSONIC	KATHEN	RADIOMARELLI	STARCOM
BRITANNIA	FERGUSON	KARASHER	KAWASHO	RADIONETTE	STELLA
BRITISH TELECOM	FIDELITY	KENDO	KENNEDY	RADIX	STERN
BRUNS	FIDELITY (UK)	KENWOOD	KONKA	RANK	STRONG
BUSH	FINLANDIA	KONKA	KORTING	RBM (UK)	STV
BUSH (UK)	FINLUX	KORTING	KOSMOS	REALISTIC	SUNKAI
CABLETIME	FIRST LINE	KOTING	KTY	REDIFFUSION	SUNSTAR
CALIFORNIA AUDIO	FISHER	KOSMOS	KYOSTAR	REDIFFUSION (UK)	SUPRA
CAMBRIDGE	FORGESTONE	KTY	LAB	RET	SYMPHONIC
CANDLE	FORMENTI	LAB	LENG	REX	TANDBERG
CAREHART	FORMENTI-PHOENIX	LENG	LENOIR	RICOH	TANDY
CARRERA	FORTRESS	LENOIR	LEYED	ROADSTAR	TANTEC
CARVER	FRACARRO	LEYED	LIFESAT	ROTEL	TASHIKO
CENTURY	FRANCE TELECOM	LIFESAT	LIFETEC	SABA	TATUNG
CGE	FRONTECH	LIFETEC	LINN	SACC	TCH
CHAPARRAL	FUJBA	LLOYD	LOEWE-OPTA	SAE	TEAC
CITIZEN	FUJITSU	LOEWE-OPTA	LOGIC	SAGBY	TECHNICS
CLARIVOX	FLUNAI	LOGIC	LOWEWE	SAISHO	TECHNISAT
CLATRONIC	FUTURETECH	LOWEWE	LUMA	SAKURA	TECHWOOD
CLYDE CABLEVISION	GSC	LUXMAN	OSAKA	SALORA	TEKNIKA
COLUMBUS	GEC	LUXMAN STEREO TUNER	OSUME	SAMBERS	TELE
CONCERTO	GEC (UK)	LUXOR	OTTO VERSAND		TELE+1
CONDOR	GELOSO	LYCO	PACE		

And many more....

Specifications:

- Operating System : Integrated preprogrammed infra-red remote control system
- Compatibility : Replaces most brands of infra-red remote controls for TVs, VCRs, Satellite Receiver (SATs), Cable TV converter (CTVs) and Digital Video Disc Players (DVDs).
- Power Requirement : 3 AAA size Alkaline Batteries (batteries not included)
- Effective Range : 7.6M (25 Feet); ±30 degrees
- Battery Operating Life : Approx. 6 months (varies depending on frequency of use)
- Dimensions : 18.5 (L) x 5.5 (W) x 3.2 (H) cm
- Weight without Battery : 100g (approx.)

* For improvement purposes, specifications and functions are subject to change without notice.



Universal Remote Control (URC)
Operating Instructions

Télécommande Univeiselle (TCU)
Mode D'emploi

Universal - Fernbedienung (UFB)
Bedienungsanleitung

Telecomando Universale (URC)
Istruzioni Pen L'uso

Control Remoto Universal (CRU)
Instrucciones De Operacion

For English Reader	Page 1-3
Pour Les Lecteurs Francais	Page 4-7
Für Deutsche Leser	Seite 8-10
Per le Lettore Italiano	Pagina 11-13
Para Lectores De Español	Pagina 14-16

3 OPERATING THE URC

Normal Operation

Once you have set up the URC for your A/V equipment, it works like your original remote controls. To operate, just aim it at your equipment, press an appropriate device mode key and invoke the desired function by pressing a corresponding key on the URC. The indicator flashes during signal transmission and as confirmation of key touch.

Punch Through

Punch through allows you to operate TV's volume and mute functions without having to switch the device modes repeatedly even when your URC is in other operating modes.

4 ADVANCED OPERATION

Secondary Function

Symbols of secondary function are printed in different colors on the panel, and a SECONDARY FUNCTION TABLE is included in the interior page of the coversheet. To invoke a secondary function, press **SHIFT** followed by a corresponding function key.

5 MAINTENANCE

1. Do not expose your URC to dust, strong sun light, humidity, high temperature, or mechanical shock.
2. Do not use old and new batteries together as old batteries tend to leak.
3. Do not use corrosive or abrasive cleansers on your URC.
4. Keep the unit dust free by wiping it with a soft, dry cloth.
5. Do not disassemble your URC, it contains no user-serviceable parts.

6 TROUBLESHOOTING

- Q. My URC does not work at all!
- A. Check your A/V device, if the device's main switch is turned off, your URC could not operate your device.
- A. Check whether your batteries are inserted properly and are in correct +/- marks.
- A. Check whether you have pressed the corresponding device mode key for your device.
- A. If the batteries are low, replace the batteries.
- Q. If several Device Codes listed under the brand of my A/V device, how can I select the correct Device Code?
- A. To seek the correct Device Code for your A/V device, test the code one by one until most keys work properly.
- Q. My A/V equipment responds only to some of the commands.
- A. You have set a code for which only some commands work properly but some do not. Try other codes until most keys work properly.

NEUFUNK 2551 2791
 NEWTECH 0051 0301 2551
 2621 2791
 NIKKAI 0051 2391 2541
 2551 2791
 1711
 NIKKO 0261 0301
 NOBLEX 1081 1111 2581
 NOBLIKO 1991 2341 2591
 NOGAMATIC 2641 2681
 NOKIA 0241 0301 0631
 0661 0671 0721
 0731 0741 0811
 0831 0861 0901
 0931 0991 1001
 1041 1051 1391
 1401 1421 1431
 1481 1501 1511
 1521 1541 1571
 1821 2591 2631
 2771
 NOKIA AKAI 0851
 NONAME 0051
 NORDMENDE 1791 1811 1851
 1861 1871 1921
 1961 1991 2021
 2051 2341 2551
 2591 2601 2611
 2621 2641 2661
 2681 2701 2791
 2551 2791
 NORMEREL 0051
 NOVABEAM 2741
 NOVAK 0051 0301 2551
 NOVATRONIC 2631 2791
 0301
 O GENERAL 0771 0811 0991
 OCEANIC 1051 1501 1521
 2011
 0301 2551 2791
 OKANO 0301
 OLYMPIC 0301
 ONCEAS 2581
 ONWA 0051 2551 2791
 OPERA 0051 2551 2791
 ORBIT 0301
 ORIENT 0051 0121 0131
 ORION 0141 0151 0301
 0961 0971 2111
 2391 2531 2551
 2581 2791
 2551 2791
 2551 2791
 2551 2631 2791
 2551 2791
 2541 2551 2791
 0301
 ORLINE 0051 0301 0411
 ORMOND 0421 0431 0441
 OSAKI 0451 0621 0791
 OSIO 0801 1261 1271
 OSUME 1281 1331 2021
 2371 2481 2491
 2541 2551 2591
 2621 2721 2751
 2771 2781 2791
 OTF 0051 0301 0441
 OTTO VERSAND 0471 0561 0801
 1241 1261 1301
 1631 2021 2111
 2371
 PACIFIC 0091 0101 2551
 2791
 PAEL 1081
 PALLADIUM 0051 1281 2551
 2571 2691 2721

2751 2771 2781
 2791
 2551 2791
 0301 2551 2791
 0301
 0051 0351 0361
 0371 0381 0391
 1191 2361 2371
 2551 2791
 2551 2791
 0301
 0301
 1161 2761 2771
 1991 2341 2591
 2641 2681
 0301
 2391
 2391
 2551 2791
 0051 2551 2791
 0051 0301 0691
 0701 1111 1181
 1571 2201 2551
 2571 2791
 2801
 2551 2561 2571
 2621 2631 2651
 2741 2751 2761
 2781 2791 2801
 2811
 0051 2471
 0051 2551 2571
 2791
 0051 2471 2551
 2571 2741 2791
 2801
 2551 2791
 0051 0761 1791
 2551 2591 2601
 2621 2651 2791
 0051 0301 2551
 2791
 2571 2581 2591
 2681 2761
 0301
 2391 2631
 0721 1081
 2151
 0051 0301 2391
 0301
 2771
 0051
 0301 0801 1111
 0051 2551 2581
 2791
 2551 2711 2741
 2791
 2551 2631 2791
 0051 0301
 2551 2581 2771
 2791
 0301 2391
 2551 2791
 0051 0301 2391
 0051 2551 2571
 2631 2741 2771
 2781 2791
 0301
 0051 0301 0411
 0421 0431 0441
 0451 0471 0501
 0621 0871 0981
 0991 1081 1101
 1131 1241 1271
 1281 1301 1331
 1371 1381 1451

1471 1521 1661
 1671 1901 2311
 2371 2391 2441
 2451 2461 2481
 2531 2541 2551
 2591 2681 2691
 2721 2751 2771
 2781 2791
 2541
 0051 2551 2791
 2551 2591 2601
 2791
 2391 2551 2791
 0051 2471 2551
 2741 2791
 2151 2551 2571
 2791
 2791
 2791 0301 2551
 0051 0301 2551
 2541
 1141
 2611 2621 2701
 2711
 2551 2791
 0051
 2551 2791
 2541
 2551 2791
 2541
 2551 2791
 2551 2791
 0301
 0051 2551 2791
 0051
 0711 0751 0981
 1161 1901 2201
 1161 1171 2551
 2571 2791
 2551 2791
 2391
 0301 2551 2791
 2571
 2551 2791
 0301
 0301
 0301
 2611
 2551 2791
 0661 0861 1061
 1791 1801 1811
 1851 1991 2021
 2031 2041 2151
 2331 2341 2571
 2591 2601 2611
 2621 2641 2661
 2681 2701 2711
 2761
 0051 2531
 2551 2791
 0301
 0631 0641 0741
 0791 0811 0921
 0991 1001 1041
 1051 1131 1391
 1471 1491 1501
 1821 1541 1821
 2771
 2611
 1081 1111 1131
 2151 2581
 2391
 0051 0161 0181
 0261 0301 1131
 1661 2391 2401
 2551 2791
 2391
 2761
 2391
 SANSUI 0051 0301 2391
 2551 2791
 SANYO 0301 1161 1671
 2311 2531 2541
 2551 2791
 2551 2791
 SAVE 0051 2471 2551
 SBR 2561 2741 2791
 2801
 0991 1051 2631
 2771
 SCHAUB LORENZ 0051 0161 0171
 0301 0861 0941
 0981 1161 2471
 2481 2491 2551
 2621 2741 2771
 2791
 2471
 SCHNEIDER (F) 2391
 SCOTT 0301 0471 1111
 SEG 2391 2541 2551
 2581 2771 2791
 2551 2571 2581
 2691 2721 2771
 2791
 SEI 0051 0701 2551
 SEI-SINUDYNE 2571 2581 2691
 2721 2791
 0681 0711 0721
 0751 0981 1011
 1161 1561 1761
 1881 1891 1901
 2001 2311 2541
 2391
 0301
 0861 2771
 0561 0571 0581
 0591 0601 2311
 2391 2541 2801
 2551 2791
 0051 2551 2631
 2791
 0301
 0701 2161 2571
 2581
 1181 1551
 1551
 0051 1241 1251
 1261 1271 1281
 1291 1301 1331
 2291 2391 2441
 2451 2551 2751
 2781 2791
 2551 2741 2791
 0051 2471
 0051
 0301 2551 2791
 2551 2791
 0051 0301 0941
 2011 2191 2201
 2551 2571 2581
 2611 2791
 0051 0471 0721
 0941 0981 2111
 2551 2571 2581
 2721 2771 2791
 2551 2791
 0331
 0051
 0861 2551 2791
 2551 2791
 0051 0301 2551
 2791
 0771 0811 0991
 2011 2721

SONTEC
SONY

0051 2551 2791
2531 2541 2551
2581 2691 2721
2731 2791
2551 2631
2391
0301
0051 2391
0301 2551 2631
2791
0301 2551 2791
0301
0711 0751 0981
1161 1901
2551 2791
2551 2791
2551 2791
0301 2551 2791
0051 0301 2551
2791
0301
0301 0871 2551
2791
0301 2631
2391
2601 2611
0301
0301
2551 2791
0051
2391
0981 1191 2591
2321 2541
0051 0191 2531
2551 2791
2551 2771 2791

STARLITE
STARLUX
STERN

STRATO
SUNIC LINE
SUNKAI
SUNSTAR
SUNWOOD

SUPERTEC
SUPERTech

SUPRA
SUPREMACY
SUSUMU
SUTRON
SYC LINE
SYSLINE
SYLVANIA
SYMPHONIC
TANDBERG
TASHIKO
TATUNG

TEAC
TEAK
TEC

TECH LINE
TECHNICS
TECHNILAND
TECHNISAT
TECHNOL
TECNIMAGEN
TECNISON
TEDELEX
TEKNANT
TEKNIKA
TEKON
TELEAVIA

TELECOR
TELEFAC
TELEFUNKEN

TELEFUSION
TELEGAZI
TELEMEISTER
TELEOPTA
TELESONIC
TELESTAR
TELETECH
TELETON

TELEVIEW
TELEVISIO
TELEXA

TEMPEST
TENNESSEE
TENSAI

TENSON
TESLA
TESLA ORAVA
TEVION
TEXET
THOMAS
THOMSON

THORN

THORN-FERGUSON

TOBO
TOKAI

TOSHIBA

TOSONIC
TOTEVISION
TOWADA
TRANS CONTINENS
TRANSONIC
TREVI
TRIAD
TRILUX
TRISTAR
TRIUMPH
TRIVISION
TVTEXT
UHER

ULTRAFOX
ULTRAVOX

UMA
UNIC LINE
UNIMOR
UNITED
UNIVERSUM

UNIVOX

URANYA
VANGUARD
VECO
VESTEL

VEXA

VIDEO SYSTEM
VIDEOTECHNIC
VIDEOTON

0301 2551 2791
2551 2791
0051 0301 0621
1631 2551 2631
2791
0301
0051
0051
2551 2791
2631
0051 0301 2391
2551 2591 2601
2611 2621 2641
2661 2671 2681
2701 2711 2771
2791
0041 0051 0251
0741 0861 0921
1081 1591 1971
2131 2171 2311
2351 2411 2471
2551 2591 2611
2621 2631 2721
2761 2791 2801
0051 0251 0981
1591 2021 2131
2171 2351 2591
2611 2761 2801
0301
0051 2551 2631
2791

0001 0011 0021
0031 0041 1141
2541 2581 2591
2671 2751
2391
2581 2771
2551 2791
2551 2791
0301
0051 2551 2791
0051
2801
2551 2791
0301
2791
0051 0461 1901
2551 2631 2791
2201
0701 2191 2201
2551 2571 2581
2631 2791
0051
2551 2771 2791
0051
2551 2791
0051 0301 1281
1411 1471 1541
1681 1901 2441
2531 2541 2551
2591 2681 2721
2771 2781 2791
2551 2571 2761
2791
0301
0301
0301
0051 0061 0071
1681 2551 2791
0051 0301 2551
2791
0051 2551 2791
2631
0631 0651 0961
1571 1791 2081
2121

VIDIKRON
VIDION
VIDTECH
VISION

VISON
VORTEC
VOXSON

WALTHAM

WARDS
WATSON

WATT RADIO

WEGA

WEGAVOX

WELTBlick
WESTON
WHARFEDALE
WHITE WESTINGHOUSE

WINDY SAM
WINSTON
WINTERNITZ
WORLDVIEW
XRYPTON
YAMISHI
YOKAN
YOKO

YORK
ZANUSSI
ZENITH

VCR Brands

Model
AIWA
AKAI

ALBA
AMSTRAD
ANITSCH
ASA
BAIRD
BAUR
BLACK DIAMOND
BLAUPUNKT

BUSH
BUSH (UK)
CGE
CRAIG
CROWN
DAEWOO
DECCA
DECCA (UK)
DEGRAAF

DIXI
DUAL
DUMONT
DYNATECH
EMERSON
FERGUSON

FIDELITY
FINLANDIA

Code
0052 0132
0122 0192 0282
0312 0342 0352
0462 0512 0612
0032 0042 0672
0132 0152
0702
0002
0192
0002 0512
0622 0672
0012 0162 0372
0692
0032 0042 0212
0672
0512
0132 0462
0182
0322
0322
0002 0132 0642
0002
0002 0132 0232
0302
0142
0332
0002 0132 0232
0132
0132 0212 0222
0412 0422 0552
0602 0712 0722
0782
0132
0002 0232

FINLUX

FIRST LINE
FISHER

FORMENTI-PHOENIX
FUNAI
GEC (UK)
GENERAL TECHNIC
GOLDSTAR
GOODMANS
GRANADA
GRANADA (UK)

GRUNDIG

HANSEATIC
HARMAN/KARDON
HINARI
HITACHI

IMPERIAL
INGERSOL
INNO HIT
INNOVATION
INTERFUNK
ITT

ITT-NOKIA

JVC

KARCHER
KENDO
KENWOOD
LIFETEC
LLOYD
LOEWEE OPTA
LOGIK
LUXOR

M ELECTRONIC
MAGNADYNE
MAGNASONIC
MARANTZ
MATSUI

MEDION
MEMOREX

METZ
MGA
MICROMAXX
MINERVA
MINOLTA
MITSUBISHI

MTC
MULTITECH
MURPHY
N.E.I.
NATIONAL
NECKERMANN

NOBLIKO
NOKIA

NORDMENDE

OLYMPUS

0002 0082 0132
0162 0192 0232
0272 0302 0612
0612
0182 0232 0242
0272 0292
0002
0132
0002
0872
0512 0652
0132 0202
0002 0012 0162
0002 0012 0452
0302 0512 0522
0002 0012 0952
0502 0942 0982
0962 0972 0982
0992 1002
0002 0512
0622
0112 0142 0222
0132 0302 0362
0512 0722
0132
0142
0002
0842 0862 0872
0002
0192 0232 0272
0462
0192 0232 0272
0462
0442 0462 0482
0602
0002 0512
0192
0272
0842 0862 0872
0132
0002 0012 0022
0142
0192 0272 0512
0132
0002
0002 0012 0202
0002 0142 0212
0222 0512 0672
0902 0912 0922
0932
0842 0862 0872
0132 0182 0232
0272
0012 0632
0612
0842 0862 0872
0012
0302
0002 0612 0622
0672
0132
0002 0132
0132
0002
0162
0002 0012 0222
0272 0462 0512
0012
0192 0232 0272
0462 0852
0092 0102 0332
0432 0442 0462
0482 0492 0532
0542 0572
0162

LOEWE	0155	0255	SONY	0045	0095	0235
LOGIC LAB	0535			0285	0675	
LOGIX	0365	0395	SONY-PS2	0165		
LUMATRON	0365		SOUNDMASTER	0535		
LUXMAN	0095		SOUNDWAVE	0395		
MAGNAVOX	0055	0015 0445	STANDARD	0535	0685	
	0485		SUNWOOD	0505		
MANHATTAN	0365		SVA	0405		
MARANTZ	0155		TATUNG	0345		
MATSUI	0455	0685	TEAC	0185	0435 0515	
MBO	0425			0535	0575	
MEDION	0355	0395 0685	TECHNICS	0025		
METZ	0185	0585 0665	TECHNIKA	0345		
MICROMEDIA	0015	0155 0485	TECHWOOD	0585		
MICROMEGA	0155		TENSAI	0425	0685	
MICROSOFT	0655		TEVION	0685		
MICROSTAR	0355		THETA DIGITAL	0185		
MINAX	0585		THOMSON	0015	0135 0655	
MITSUBISHI	0005	0585	TOKAI	0385	0505	
MONYKA	0385		TOKIWA	0365		
MUSTEK	0545		TOSHIBA	0015	0055 0465	
Mx ONDA	0685			0475	0485	
NAD	0215	0575	UNITED	0505		
NAIKO	0345		UNIVERSUM	0125	0575 0585	
NEUFUNK	0385		VENTURER	0435		
NORDMENDE	0355		VIETA	0365		
ONKYO	0015	0055 0105	VOXSON	0355	0545	
	0485		WALKVISION	0515		
OPTIMUS	0175	0185 0665	WESDER	0525		
ORION	0455		WHARFEDALE	0615	0625	
ORITRON	0685		XMS	0505	0635	
PACIFIC	0305	0335 0355	X-BOX	0295		
	0435	0535	YAMAHA	0025	0065 0155	
	0455		YAMAKAWA	0385		
PALLADIUM	0405	0635	YUKAI	0545		
PALSONIC	0025		ZENITH	0015	0055 0125	
PANASONIC	0015	0055 0155		0485	0575	
PHILIPS	0255	0485				
	0525					
PHONOTREND	0175	0185 0665				
PIONEER	0615	0685				
PROLINE	0655					
PROSCAN	0525					
PROSONIC	0525					
PROVISION	0575					
RADIONETTE	0385					
RAITE	0655					
RCA	0025	0635				
REC	0345	0505				
RED STAR	0535					
REOC	0525					
REVOY	0425	0525 0635				
ROADSTAR	0145					
ROTEL	0685					
SABA	0575					
SALORA	0455	0505				
SANSUI	0095	0225				
SAMSUNG	0365					
SCAN	0505					
SCHAUB LORENZ	0365	0395 0435				
SCHNEIDER	0685					
	0535					
SCIENTIFIC LABS	0405	0685				
SCOTT	0385	0535 0585				
SEG	0645					
SHARP	0405					
SHANGHAI	0575					
SHERWOOD	0515					
SHINCO	0075					
SHINSONIC	0505					
SILVA	0355					
SILVASCHNEIDER	0425					
SINGER	0545					
SKYMASTER	0345					
SLIM ART	0425	0535 0545				
SM ELECTRONICS						