

INTRODUCTION

This remote control is designed to operate a television's 4 main functions:

Channel change - Volume - On/Off - Mute

It is so easy to operate that it is the ideal "complement" to your original remote control. Its memory contains a set of "codes" compatible with most TV models of the brands shown in this user's manual and also many others that are not shown. It is therefore not necessary to have a working original remote control.

INSERTING THE BATTERIES


Open the battery compartment by sliding down the bottom part of the front of the case and insert the batteries, ensuring correcting polarity +/- (see Fig. 1).





Use only use only AAA batteries (LR 03).


HOW TO MAKE IT WORK

If your TV set is of one of the brands shown in table 1, follow the procedure described in paragraph A, if not go to the procedure described in paragraph B.

PROCEDURE A
SEARCH BY BRAND

- A.1** Consult "Table 1" find the brand of your TV and make a note of the code allocated to the corresponding group. If your TV is, for example, a Philips, the code for its group is 1222.
- A.2** Switch the TV on to any channel.
- A.3** **Press and release the internal**  **SEARCH button:** the LED will flash quickly.

Within 8 seconds, referring to Fig.2, key in the code you already noted (for instance, for code Philips 1222 press in succession the following buttons:    )

- A.4** Point the remote control towards the TV and **keep the off button pressed down**  (see note 5).


RELEASE IT AS SOON AS THE TV GOES OFF (see note 6).

- A.5** Switch the TV on again (see Note 1) and check that the commands are working correctly (see Notes 2/3/4).


If everything is OK you can close the battery compartment and start using your new remote control. If you are having trouble with some of the functions (if, for instance, you cannot alter the volume or change channel, or mute the sound) you have to continue the search: repeat the operation described above and, when the TV goes off, check again that the commands are working correctly. If you still have problems, start the search again until you find the right memorization point.

PROCEDURE B
INSERTING A TV MODEL CODE

- B.1** Switch your TV on any channel.
- B.2** Make a note of the codes listed for the brand of your TV as shown on "table 2" and try them one by one as follows:

Press and release the internal  **SEARCH button;** the LED will flash quickly.



Within 8 seconds... key in the first code you noted down and **watch the LED which should flash twice.** If the LED flashes only once repeat the operation.

Point the remote control towards your TV and press the "OFF" button  . If the set switches off, follow the procedure described at A.5. If it does not switch off, or the buttons do not work correctly, repeat B.1 and B.2 for the next code until you find the correct one for your set.

If you are not successful with the procedures described in para-












graphs A and B, or if the brand of your set is not shown in the Tables 1 and 2, you have to follow procedure "C".

PROCEDURE C **GLOBAL SEARCH**


- C.1** Switch your TV on to any channel.
- C.2** Press and release the internal  SEARCH button: the LED will flash quickly. **Within 8 seconds**, while pointing the remote control towards the TV, **press the "OFF" button  and keep it pressed down** (see note 5). **RELEASE IT AS SOON AS THE TV GOES OFF** (see Note 6).

If the TV goes off, follow the procedure described at A.5.

NOTES

- To switch on the TV, depending on the model, you must:
 - press button  or
 - press button  or
 - press buttons  and  at the same time
 - To go back to no.1 from any channel, press buttons  and  together.
 - On some sets the number of channels is limited to 9 or 10.
 - To access the "MENU" function (only for the TV sets that have it) press buttons  or 
- Then adjust using buttons  and 
- During this phase the LED will give a series of flashes to confirm that the search is in progress.
 - The full search takes approx 6 minutes for the Search by Brand and approx 9 minutes for the Global Search; the LED flashes 5 times to indicate that it is finished. If you have not been successful, repeat the search keeping the  button pressed down until the LED flashes 5 times again. If you have to interrupt the search, releasing the button, it will start again from the point where it was interrupted.

WHAT TO DO IF..

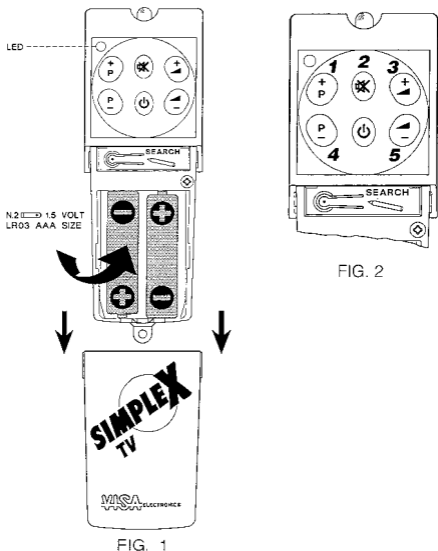
The LED does not flash even though you have inserted the batteries and pressed the internal  SEARCH button?

Make sure that the batteries are new and have been inserted with the correct polarity (+/-).

You have some problem after a period of satisfactory use?

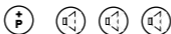
Replace both batteries

MODE D'EMPLOI



TAB. 1

Gruppo 1: Code 1222



AKAI - BLAUPUNKT - GRUNDIG - LOEWE -
METZ - MINERVA - MITSUBISHI - NEC -
PANASONIC - PHILIPS - PHONOLA -
RADIOLA - SANYO - SCHNEIDER FRANCE
- SHARP - SIEMENS - SONY - TOSHIBA -
VOXSON.

Gruppo 2: Code 1555



AMSTRAD - AUTOVOX - BANG & OLUF-
SEN - BRION VEGA - CGE - DAEWOO -
ELBE - FORMENTI - IMPERIAL - MIVAR -
ORION - PATHE CINEMA - PHILCO - REX -
SCHENEIDER - SELECO - SINUDYNE -
ULTRAVOX - WATTRADIO - WHITE
WESTINGHOUSE

Gruppo 3: Code 1333



HITACHI - ITT - NOKIA - NORDMENDE -
TELEFUNKEN - THOMSON - SABA

TAB. 2

A.R. SYSTEM	2434			
ADMIRAL	2252 2511	2524	2555	2512
AGASHI	2225			
AKAI	2514 2325 5233	2225 2555 2521	2323 2254 2553	2233 2345
AKI	2254			
AKURA	2315			
ALBA	2323			
ALBIRAL	2334 2341	2424 2225	2434 2315	2323
ALHORI	2254			
ALLORGAN	2254			
AMPLIVISION	2254	2434		
AMSTRAD	2555	2512	2432	2315
ANITECH	2312	2555	2225	
ANTECNO	2325			
ARC EN CIEL	>>	THOMSON		
ARISTONA	>>	PHILIPS		
ART TECH	2225			
ASA	2221 2532	2524 5225	2425 5223	5222
ASBERG	2312	2225	2331	
ASTRA	2555			
ASTRO SOUND	2434	2323	2225	
ASUKA	2323	2325		
ATLANTIC	2513	2515	2431	2225
AUDIOSONIC	2555	2315		
AUDIOTON	2254	2555		
AURORA	2254	5233		
AUSIND	2235			
AUTOVOX	2232 2423	2254 2515	2524 2113	2425
AWA	2225	2555	2552	5233
BAIRD	2533	2552		
BANG & OLUF	2252	2225	2433	
BARCO	2252	2443	2223	
BASIC LINE	2524	2125		
BAUR	2224 2255 2534	2524 2245	2514 2225	2233 2555
BAZIN	2254	2345		
BEKO	2342			
BIFONIC	2254			
BIGSTON	2555	2315		
BLAUPUNKT	2255	2233	2234	2231
BLAUSONIC	2254			
BLUE STAR	2323			
BOSH	2231			
BRANDT	>>	THOMSON		
BRIONVEGA	2311 2541	2225	2252	2512
BRUNS	2252	2424	2514	2542
BSR	2514	2345	2454	2432
BUSH	2524	2323		
CGE	2341 2345 2511	2343 2312 2331	2323 2555	2342 2225
CASIO	2224	2225		
CENTURY	2252	2341		
CGM	2555	2315	2325	
CIE	2325	5233		
CLARIVOX	2252 2225	2334	2434	2235
COFADEL	>>	THOMSON		
CONDOR	2312 2225	2555	2431	2331
CONTEC	2254	2242	2454	2555
COSMEL	2555			
CROSLEY	2252 2312	2524	2341	2343
CROWN	2312 2331	2325	2555	2225
CRYSTAL	2224			
CS. ELECTR.	2325			
CTC CLATRON.	2341 2325	2424 2331	2342 2315	2312

CYMATIC	2334	2254	2323	
DAEWOO	2225	2555	2341	2254
	2325	5233	5251	
DANSAI	2315	2212		
DAWA	2225			
DECCA	2243	2254	2225	2552
DENVER	2555			
DESMET	2323	2431	2225	
DOMOH	2225			
DORIC	2524			
DUAL	2254	2524	2322	2323
		2555	2512	2225
DUMONT	2225	2252	2424	2221
	5222	2532	2312	5225
	5223	2331		
EDAN LINE	2225			
ELBE	2334	2254	2434	2355
	2242	2512	2323	2541
	2511	2435		
EL. TECH	2555			
ELEKTRONSKA	2334			
ELIN	2254	2514	2532	2555
	2345	2225		
ELITE	2231			
ELMAN	2424	2323	2432	
EMERSON	2252	2424	2221	2312
	2323	2341	2431	2225
	2535	2315		
ENGEL	2323			
EUROCOM	2323			
EUROMAN	2254	2225		
EUROPHON	2323	2341	2334	2254
	2424			
EXPERT	2513			
FAGOR	2323			
FENNER	2555	2225	5233	
FIDELIS	2254	2555	2225	2212
FIDELITY	2254	2524	2211	2323
	2212			
FILSAI	2254			
FINLANDIA	2345			
FINLUX	2532	5225	2514	2345
	2524	2235	2424	2425
	2423	5222	5223	2331
FIRST LINE	2341	2254	2524	2323
	2555	2225		
FISHER	2524	2221	2532	2242
	2542	2241	2254	2535
	5221			
FORMENTI	2431	2225	2252	2524
	2231	2442	2254	2312
	2323	2432	2315	
FORTESS	2252			
FRONTECH	2555	2432		
FUJITSU	2514	2515	2325	
FUMEO	2514			
FUNAI	2454	2555	2315	
GALAXY	2342	2312	2331	
GALERIA	2555			
GBC	2555	2225	2524	2341
	2242	2325	2552	2323
	5233			
GEBER	2524			
GEC	2524	2254	2242	2345
	2145	2552		
GELOSO	2555	2225	2334	2524
	2341	2325	2323	5233
G. TECHNICS	2555			
GITEM	2524			
GM	2555	2315		
GMG	2331			
GOLDSTAR	2225	2254	2354	2142
	2524	2322	2514	2423
	2323	2555	5253	2212
	5255	2255		
GOODMANS	2555	2225	5233	2225
GORENJE	2535			
GPM	2325	2555		
GRANADA	2223	2254	2524	2522
	2235	2242	2531	2224
	2225	2521	2244	2551

GRANDIN	2524	5254	2323	2431
GRONIC	2254	2323	2225	
GRUNDIG	2255	2233	2235	2232
	2255	2225	2251	
GTT	2331			
HAMPTON	2254			
HANSEATIC	2524	2254	2224	2514
	2255	2242	2451	2431
	2225			
HANTAREX	2334	2225		
HCM	2254	2555		
HEMMERMAN	2524			
HIFI VOX	>>	THOMSON		
HIGASHI	2254			
HINARI	2243	2555	2212	
HITACHI	2133	2145	2524	2254
	2142	2412	2413	2242
	2345	2143	2144	2554
	2131	2514	2345	2133
	2212			
HOSHAI	2325			
HYPER	2254	2423	2345	2325
	2555	2323	2225	2325
	5235	2553		
HYPSON	2225	2315		
IBERVISAO	2524	2323		
ICE	2325			
IEG	2254			
IMPERIAL	2341	2342	2323	2343
	2345	2312	2225	2511
	2331	2315		
INDESIT	2411			
INNOHIT	2334	2524	2254	2354
	2325	2555	2552	2341
	2225	2553		
INTERFUNK	2223	2225	2221	2224
	2524	2413	2514	2234
INTERVISION	2254	2424	2423	2323
	2341	2225	2542	
IRRADIO	2555	2225	2354	2235
	2323	2423	2325	2212
	2553	2315		
ISKRA	2334	2254	2424	2323
ITC	2323			
ITT/NOKIA	2514	2524	2125	2533
	2323	2534	2334	2345
	2121	2225		
JET POINT	2224	5224		
JOHNSON	2254			
JVC	2211	2242	2111	
KAISER	2225			
KAISUI	2254	2325	2555	2325
	2331			
KAMOSONIC	2254			
KAPSCH	2524	2513	2532	2515
KARCHER	2254	2524	2434	2555
	2225			
KENDO	2254	2424	2524	2555
	2512	2341	2541	
KENNEDY	2524	2322	2514	2515
	2113	2512	2541	2511
KLARMAX	2334	2254	2434	2323
	2223			
KNEISSEL	2355	2511		
KOENIG	2524	2431		
KOERTING	2252	2431	2535	2225
KOLSTER	2254	2424	2434	2423
	2225			
KRONNE	2254			
KYOTO	2254	2323		
LENCO	2424	2514	5233	
LENOIR	2254	2524	2555	2225
LEYCO	2454	2552	2225	2432
	2315			
LIESENKOTT.	2231	2224		
LOEWE OPTA	2225	2545	2221	2224
LOEWE OPTA	2532			
LOGIK	2243	2211		
LUMA	2524	2514	2515	2512

LUXOR	2524 2142	2514 2345	2254 2533	2354
M. ELECTR.	2341 2532 5233	2524 2555 2225	2423 5225	5222 5223
MAGNADYNE	2524 2334 2331	2555 2341 2224	2225 2424	2252 2323
MAGNAFON	2334 2424	2524 5222	2235	2254
MANESTH	2524	2451	2431	
MARANTZ	2225			
MARECH	2431			
MASCOT	2341			
MATSUI	2524 2323	2243 2432	2254 2451	2555
MAXELL	2555			
MAXWELL	2334	2424	2225	
METZ	2221 2215	2233	2255	2213
MICRON	2254			
MINERVA	2255	2235	2233	
mitsubishi	2551 2233	2221 2242	2243 2555	2224
MIVAR	2355 2335	2354 2351	2353 2254	2334 2333
MTC	2323			
MULTITECH	2254 2312 2341	2424 2325 2225	2423 2555 2535	2242 2323
MURPHY	2524			
NAGOYA	2345			
NATIONAL	2522			
NEC	2243	2242	2555	2544
NECKERMANN	2221 2255 2342	2254 2245 2431	2231 2234 2225	2524 2345
NEI	2225			
NEWMAR	2323			
NEWTECH	2254	2225		
NIKKAI	2254	2142		
NOBLEX	2242 5252	2555 5233	2241	5221
NOBLIKO	2235 2312	2254 2341	2424	5222
NOGAMATIC	>>	THOMSON		
NORDMENDE	2524 2321	2412 2445	2443	2413
NORDWAY	2323			
OCEANIC (ITT)	2524 2345	5254 2533	2125 2121	2514
OCTAL	2254			
OKANO	2342			
ONCEAS	2341	2254	2555	
ONWA	>>	KAISUI		
ORAVA/OTF	2555			
ORION	2524 2454 2315 2224	2451 2453 2212 2555	2455 2225 2421	2243 2432 2452
ORSOW'E	2334			
OSAKI	2454	2225		
O. VERSAND	2524 2514 2245 2451	2254 2423 2225	2224 2233 2242	2522 2255 2454
PAEL	2235	2254	2235	
PALLADIUM	2342			
PANAMA	2225	2315		
PANASONIC	2522 2523	2525	2524	2255
PANAVISION	2315			
PANAVOX	2524			
PANORAMIC	2413			
P. CINEMA	2334 2323	2254 2431	2434	2342
P. MARCONI	>>	THOMSON		
PAUSA	2555			
PCM	2225			
PERSHIN	2235			
PHILARMONIC	2254			

PHILCO	2341 2524 2345 2331	2323 2221 2312	2342 2343 2225	2252 2242 2511
PHILIPS	2225 2252 2255	2224 2221	2223 2254	2253 2413
PHOENIX	>>	FORMENTI		
PHONOLA	>>	PHILIPS		
PIONEER	2413	2514	2224	
PLANTRON	2555			
PRANDONI	2334	2524	2442	2341
PRIMA	2555			
PROFEX	2231	2514	2312	2555
PROLINE	2421			
PYE	2223	2224	2225	
QUASAR	2235	2424	2432	2212
RADIOLA	>>	PHILIPS		
QUELLE	>>	UNIVERSUM		
RADIOMARELLI	>>	MAGNADYNE		
RADIONETTE	2524	2532	5225	
RANK/RBM	2524	2323		
RECOR	2225			
REDIFFUSION	2524	2514		
REX	>>	SELECO		
RIZ	2323			
ROADSTAR	2325	2555		
ROBOTRON E.	2252	2542		
ROWSONIC	2254			
SABA	2413 2221	2321 2443	2334 2412	2524 2445
SAISHO	2243 2325	2254	2432	2451
SALORA	2524 2533	2514 2323	2142 2121	2345
SAMBERG	2334 2434	2235 5222	2354 2312	2424
SAMSUNG	2225 2555 2432	2254 2552 5224	2354 5221 2212	2342 5252
SANDRA COL.	2334	2254		
SANYO	2242 2243 2531 2244	2533 2221 2542 2254	2252 2532 2552 2535	2524 2555 2241 2534
S.LORENZ	2514 2325	2555	5233	2121
SCHNEIDER	2524 2254 2325	2225 2322 2425	2232 2423 2555	2442 2323 2512
SCHNEIDER F	>>	PHILIPS		
SCOTT	2431	2225		
SEG	2254 2341	2424	2312	2323
SELECO	2515 2524 2113 2323	2512 2513 2242 2511	2541 2322 2321	2225 2514 2445
SHARP	2242	2211	2214	5233
SHIVAKI	2224			
SHORAI	2454			
SIAREM	2252 2221	2334	2524	2424
SICATEL	2434	2323		
SIDEC	2323			
SIEMENS	2231 2244	2233 2241	2255 2212	2234
SILMA	2225			
SILVA	2555			
SILVER	2325	2315		
SINGER	2252 2524 2341	2334 5254 2225	2341 2221 2511	2424 2555
SINUDYNE	2524 2451 2225 2452	2252 2325 2541 2455	2424 2453 2432 2224	2454 2512 2421
SLAVA	2254			
SOLAVOX	2524	2142	2514	2345
SONITRON	2254			

SONOKO	2254 2225	2555	2315	2325
SONOLOR	>>	ITT - OCEANIC		
SONTEC	2423	2342	2225	
SONY	2245	2243	2242	
STANDARD	2341	2254	2325	2555
STARLITE	2555			
STARLUX	2555			
STERN	>>	SELECO - REX		
STVI	2254	2323		
SUNKAI	2454	2451	2452	
SUPERLA	2334	2323		
SUPERTEC	2555	2225		
SUPRA	2555	5233		
SYC LINE	2555			
TADISTAR	2331			
TALENT	2233			
TANDBERG	2545 2512	2413 2213	2412	2454
TANDY	2524	5254	2345	
TASHIKO	2254	2524	2145	2244
TATUNG	2243	2254	2225	2552
TEAK	2224			
TEC	2341 2555	2254 2323	2225 2225	2322 2432
TECHNICA	2325			
TECHNICS	2522			
TEINEL	2323	2225		
TEKNANT	2555	2225		
TELEAVIA	>>	THOMSON		
TELEFUNKEN	2445 2343	2321 2411	2122 2414	2441 2413
TELEOPTA	2555			
TELEVIDEON	2524 2431	2235 2225	2442	2254
TENSAI	2341 2532 5225 2542	2254 2454 2224 5233	2424 2325 2431 2212	2323 2555 2225 2112
TESLA	2434			
THOMSON	2445 2412	2321 2441	2413 2443	2235
THORN - FERG.	2211 2434 2323 2114	2524 2413 2255	2254 2235 2233	2224 2514 2245
TOBO	2555			
TOMITA	2254			
TOPVISION	2323			
TOSHIBA	2521	2224	2242	2543
TRANSCONTIN.	2334	2524		
TREVI	2555	2325		
TRISTAR	2211			
TRIUMPH	5222	2432		
UHER	2232	2442	2513	2431
ULTRAVOX	2524 2341	2254 2225	2424	2221
UNIC RADIO	2334 2535	2254	2514	2323
UNIVERSUM	2235 2224 2514 2343 2234 2555 2244 2345	2231 2354 2425 2233 2532 5225 2241 2315	2243 2524 2423 2245 2242 2323 5223 2212	2254 2235 2255 5222 2454 2225 2514
UNIVOX	2252	2434	2323	2225
URANYA	2334 2431	2235 2225	2424	2555
UTAX	2254			
VANGUARD	2254	2524	2555	
VESTEL	2323			
VEXA	2555	2325	2225	
VIDEOLOGIC	2325			
VIDEOTON	2254 2331	2524	2345	2323
VIDION	2555			
VISIOREX	2334			
VISTAR	2125			
VOXSON	2252	2235	2524	

WALKIE	232			
WALTHAM	>>	VIDEOTON		
WATSON	2524 2432	2231 2315	2431	2225
WATTRADIO	2524	2254	2424	2434
WEGA COLOR	2242			
WEGAVOX	2323	2555	2331	
WELTBlick	2431	2225		
WESTON	2323			
WHITE WEST.	2431 2323	2254 2225	2424	2312
WINSTON	2555	2325		
WINTERNITZ	2555	5233	5235	
YOKO	2254	2555	2225	2315
YORK	2325			
ZAMPA	2524			
ZANUSSI	>>	SELECO		
ZOPPAS	>>	SELECO		

GARANZIA: Questo telecomando è garantito contro difetti di fabbricazione per un anno a partire dalla data di acquisto.

GUARANTEE: we guarantee that this product will be free from defects for a period of one year from the date of purchase.

GUARANTIE: 1 an à compter de la date d'achat. Notre matériel est garanti contre tous vices de fabrication.

GARANTIE-PASS: Wir gähren 1 Jahr Garantie. Während dieser Zeit werden Material und Fabrikationsfehler kostenlos behoben.

GARANTIA: Un año desde la fecha de compra contra defectos de fabricación.

GARANTIA: Um ano desde a data de compra contra defeitos de fabrico.

GARANTIE: VISA garandeert deze afstandsbediening voor wat betreft produkt-fouten en materiaal gebreken gedurende een jaar na aanschaf.

