

URC 22B-7

UNIVERSAL
REMOTE CONTROL

OPERATE:
TV* VCR* CABLE-SATELLITE
AUX FOR CD-LD-TAPE

INSTRUCTION BOOKLET

- WORK WITH MOST MAJOR BRANDS
- EASY SET UP INSTRUCTIONS INSIDE

2 AAA BATTERIES REQUIRED

USERS' MANUAL FOR URC22B-7

I General Description

The universal remote controller of URC22 is a new model of multi-functional remote control for European Market. It features

1. 7 Device Banks: TV1,TV2,VCR1, VCR2,SAT/CABLE, CABLE/SAT and AUX.
2. 4 Operating Modes: Set-up Mode, Quick Search Mode,Auto Search Mode and Display Mode.
3. Transmission and Set-up Indicating LED.

II Operating Process

1.Set Up Devices

According to the brand code in the attached Device Code List,find out the code of the device that you want to control. Then follow steps as below:

- 1)Press [SET] key and hold it. Then press the device key that you want to control, such as [TV1], [TV2], [VCR1] or [AUX],etc.
- 2)The LED will be on at the moment. Release the pressed keys.
- 3)Enter the 3-digit Device Code.
- 4)If the entered Device Code is correct,the LED will be off automatically.If the entered Code is incorrect, the LED will blink twice and keeps being at setup mode (being on).Then pls return to step 3).
- 5)Try if keys on Remote Controller work or not. If most keys work improperly,please find other code in the same brand,repeat 1)-5)till you feel the main keys work well

Note :In the process of setup,if you want to stop setup work,pls press device key (If no key is pressed in 10 seconds, the remote controller will leave setup mode automatically.)

2.Quick Search

After you have set up several times the device you want to control,it still does not work(i.e.the device still cannot be controlled by URC22), or you cannot find the correct code in the Device Code List,you can use Quick Search function to find out the correct code. When URC22 has entered into Search Mode, the preset search direction is Forward Search,but you can use [SET] key to switch between Forward Search and Backward Search during search process.

- 1) Power on the device you want to control. If it's a VCR, it must be inserted with a tape.
- 2) Press and hold [SET] key. In the meantime,press the Device Key that you want to control,such as [TVI],[VCR2]etc.
- 3) The LED will be on at the moment.Release the Pressed keys.
- 4) Press the [SET]key again and release it. Now the URC-22 unit enters into Quick Search Mode and the LED keeps flashing.
- 5) Point the URC22 unit to the device and press [POWER] key. If it's VCR/AUX, you can press either [POWER] key or [PLAY]key. See if the device work or not (power off or play).If the device works,turn to step 6).If not,repeat step 5).
- 6) Then check if other keys such as [CH+/-],[VOL+/-]...can function properly (i.e.if the device can be controlled). If not, return to step 5).
- 7) Some devices react slowly to

[POWER] signal. In search process, you can press [SET] key to switch between Forward/Backward Search to change search direction and find the right code quickly.

- 8) Whenever you want to leave Search Mode, press Device Key, and the LED will be off.

Note: In Search Mode, besides [POWER] key ([POWER] key and [PLAY] key in the case of VCR/AUX), all other keys can be checked function normally. That means you can test other keys without leaving Search Mode. The URC22 unit will leave Search Mode if no key is pressed for 30 seconds.

3. Auto Search

- 1) Power on the device you want to control. If it is a VCR, it must be inserted with a tape.

- 2) Press and hold [SET] key. In the meantime, press and hold [POWER] key for more than 3 seconds and the auto search will begin.

- 3) Press any key to exit.

4. Brand Code Display

The Control Code is a 3-digit number and the URC22 unit can make all the 3 digits display.

- 1) Press and hold the [SET] key, in the meantime press the digit that you want to display, such as 1, 2 or 3.

- 2) Release the [SET] key.

- 3) Count the time the LED blinks, and the blinking time is the digit. If there is no blink, the digit is zero.

5. Remarks:

Do not press any keys when replacing batteries to avoid missing set-up data.

Brand/Device	TVTXT	VCR
ACE	713	
Admiral	032,155	
Aiwa	261	
Akai	005,159,	269,270,271, 309,310,356, 357
Albiral	001	
Amstrad	006	
Anitsch		311
ASA	007,009,013, 032,094,155, 161,	282
Audiosonic	160	
Ausind	008	
Autovox	004,007,012, 014,015,078, 079,104,153	
AWA	033,159,160, 189,220	
Balrd	162	271,273
Basic Line	163	
Beijing	706,711	
BEKO	226	
Blaupunkt	010,017,018, 020,054,231, 232,233,234, 236,241,	272,274,275, 312,369
Brionvega	104,155,164, 165,200,201, 257,	276,283
Bruns	158	
BSR	016,019,021, 253	
Bush(UK)	022	281

Brand/Device	TVTXT	VCR
Cabletime	246,247,251	
Century	145,146,155	
CGE	019,023,024, 145,151,169, 170,231,	270,277
CGM	093	291
Chaparral	216	
Changhong	711	
Clarivox	001,166,167	
Conic	711	
Contec	253	
Crosley	024,025,145, 155,231	
CTC Clatronic	096	
Daewoo	168,209	
Dansai		281
Decca(UK)	002,004,026, 028,031,258,	278
Dongda	711	
Donghua	711	
Dual	255,258	273,279
Dual-Tec	004,011,019, 029	
Dumont	155	
Ectro	709,711	
Elbe	001,171,	313
Elite	108	
Elman	019,029	
Emerson	146,155,	286
Europhon	000,004,019, 029,030,146	
Fenner	033,193,240	
Fidelity(UK)	003,034,229	
Filmnet	202,248	

Brand/Device	TVTXT	VCR
Finlux	007,008,009, 013,025,026, 029,035,094, 161,169,221,	278
Fisher	025,036,155, 167,170,255,	280,314,315, 316
Formenti-Phoenix	003,008,025, 037,038,159	
France Telecom	266	
Funai	016,160,253,	359
GBC	002,004,019, 025,026,031, 033,039,040, 041,042,	281
GEC(UK)		278
Geloso	004,019,025, 032,033,039, 149,150,	281
General		358
Goldstar	003,004,043, 080,153,172, 252,700,701,	282
Goodmans	119	301
Gorenje	170,173	
Granada(UK)	002,004,027, 041,044,045, 046,047,048, 049,	272,278,283, 314,369
Great Wall	711	
Grundig	003,010,018, 020,045,050, 051,053,054, 056,094,	272,275,284, 361,369
Haihong	711	
Hanseatic	025,027,037,	278,285

Brand/Device	TVTXT	VCR
Hanseatic	044,052,055, 258,	
Hantarex	000	
Hemmermann	057	
Hinari	033,044,058,	281,286,287
	059,060	317,360
Hitachi	004,040,041, 042,044,047, 055,061,062, 063,064,065, 066,067,068, 174,221,222, 710,	273,281,285, 288
Hotel TV	704	
Huanyu	706	
Hyper	003,004,033, 153,193	
Imperial	019,023,024, 145,151,169, 170,231,	277,289
Inno Hit	000,004,031, 043,060,146, 175	
Interfunk	005,027,040, 045,046,052, 069,070,071, 073,075,155,	278,290
Irradio	008,039,043, 060,153,262	
ITT-Nokia	005,032,040, 041,045,049, 069,070,071, 072,074,076, 162,168,176,	270,273,276, 290,291,292, 316

Brand/Device	TVTXT	VCR
ITT-Nokia	177,	
Janco	249,250	
JVC	077,119,178, 179,	270,273,292, 318,319,320, 321,328
Kaisui	163	
Kangyi	708	
Karcher	159,163,175	
Kendo	146	
Kennedy	025,078,079	
Konka	706,712	
Korting	037,155,157	
Lenco	033,039,183, 238,239,240	325,355
Lenoir	004	
Loewe Opta	052,081,155, 156,189,213, 242	272,278,369
Logik	028	287,322,360
Luma	032,082	322
Luxor	005,045,047, 055,068,083, 084,085,086, 087,162,177,	285,291
Magnadyne	000,019,025, 029,057,147, 149,150,155	
Magnafon	000,003,008, 029,030	
Magnasonic		291
Marantz	026,027	272,278,301
Matsui	004,006,028, 041,088,182,	287,322,332
Maximal	058	

Brand/Device	TVTXT	VCR
Meishi	708	
Melectronic	255	
Memorex		282,314
Metz	018,053,089, 090,091,155, 180,183	272,275,294, 369,370
Minerva	010,018,045, 051,053	272,275,369
Modern	708	
Mitsubishi	044,052,092, 119,154,155, 181,182,245, 707	278,281,293, 320,362,751
Mivar	000,003,093, 094,095,259	
Multisystem	159	
Multitech	096,170,172,	281,325
Murphy(UK)	041	
NAD		363
NEC	184	273,313,320
Neckermann	004,026,044, 055,082,097, 170,	270,272,273, 278,285,286, 369
N.E.I	166	
Nobliko	003,008,029, 051,146,	272,369
Nordmende	065,067,075, 098,099,100, 101,102,103, 104,134,185, 186,222,	270,273,279, 292,295,296, 297,318,319, 321,323,324, 326,327,328, 329,330
Oceanic(F)	005,040,105 106,107	

Brand/Device	TVTXT	VCR
Onceas	004	
Orion	006,016,028, 057,088,108, 109,187,188, 189,253,	286,322,331, 332,333,360
Osaki		282
Otto Versand	025,027,044, 052,055,	278,285
Pael	003,008	
Palladium	197	271,356
Panasonic	001,003,019, 037,040,106, 110, 111,112, 114,190,241	274,290,312, 354
Panda	706	
Penney		313
Pentax		288
Philco	019,023,024, 025,151,155, 169,170,231	
Philex	229	
Philips	003,026,027, 046,073,113, 115,155,191, 192,193,194, 223,266,230, 242,	278,302,334, 335,336,369
Phonola	175	278,335
Pioneer	000,027,067, 243	278,320,334, 336,363,364, 365
Polestar	214	
Prandoni-Prince	008,032,146	
Praxis	217	

Brand/Device	TVTXT	VCR
Prosat	001	
PYE		320
Quartz		314
Quelle	004,005,007, 008,009,010, 013,026,027, 028,045,050, 051,052,069, 094,153,221, 231,232,234, 235,236,253.	272,275,278. 286,298,369
Radiola	242	
Rank(UK)	022	
RBM(UK)	022,094	
RCA	204,210,211	349
Rediffusion (UK)	005,041,116	
REX	011,021,032, 078,079,118,	273,292,319
Roadstar	039	
Rowa	706	
SABA	000,065,067, 075,085,098, 099,100,103, 117,155,185, 186,222,224,	270,273,279, 292,295,318, 319,321,326, 337,338
Saisho	004,006,028, 088,182,244	286,287,322. 332,360
Salora	005,047,048, 055,066,068, 069,076,082, 086,097,162, 177,195,249, 250,267,268,	283,285,314
Sambers	000,004,008,	

Bränd/Device	TVTXT	VCR
Sambers	029,030,043	
Samsung	026,033,043, 159,160,170, 175,212,215, 702,703.	289
Sansui		320
Sanyo	013,031,044. 074,119,120. 121,122,123. 162,167,170. 182,195,205.	291,314,316, 339
Schneider	004,011,015. 019,025,036. 038,255,258, 262.	278,281,289
Sears		315
SEG	096	281,289
Seleco	011,058,078	309
Senta		277
Sharp	044,054,119, 124,196,198, 225,227.	301,302,341
Shencai	711	
Shinton		356
Siarem	000,025,029, 155	
Sicatel	001	
Siemens	010,231,232, 233,234,236,	272,275,291, 369
Siesta	254	
Silver	160	
Singer	025,029,147, 149,155	
Sinudyne	006,016,025,	

Brand/Device	TVTXT	VCR
Sinudyne	026,029,057, 109,125,155, 192,197,253	278,287
Songri	711	
Sony	028,119,126, 127,128,129, 130,182,199, 228,260,705,	298,299,340, 342,343,344, 367,750
Stern	078	
Tai Wah	218,219	
Tandberg	180,253,266	322
Tatung	002,004,026, 028,031,131	278
Technovision	263	
Tele+1	248	
Teleavia	186	
Telefunken	067,075,098, 132,133,134, 135,140,185, 186,231,235,	270,273,279, 292,318,319, 321,323,330, 345,346,347
Telemeister		359
Teleservice	203,246	
Thomson	065,067,075, 078,098,100, 103,185,186, 222	270,273,279, 292,318,323, 324,328
Thorn-Ferguson	001,135,136, 137,140,144, 148,152,160, 186,229,256,	270,273,300, 303,304,305, 306,308,319, 329,330,348, 368
TMK		286
Tonbo	711	
Toshiba	022,044,094,	273,292,307

Brand/Device	TVTXT	VCR
Toshiba	119,138,139, 141,142	
Uher	011,012,036, 037,038,078, 255	273,289
Ultravox	003,025,082, 096,146,155	276
Universum	094,160,221	
Univox	001	
Vector		313
Vegavox	169	
Victor		318,328,366
Video		313
Voxson	032,155	
Watson	037	
Watt Radio	001,003,025, 029,030,057	
Wega Color	119,143	
White Westinghouse	003,037,159	276,282
Xenon		322
Yinge	711	
Yoko	004,159	
Zanussi	078	
Zenith	203,237	
Others	206,207,208, 264,265,	350,351,352, 353

Brand/Device	SAT	CABLE
AB	812	
ABC		452
AEON		502
Alba	407	
Alfa Gold	810,811	
Amstrad	371,372,408,488	

Brand/Device	SAT	CABLE
Ankaro	373	
APO		516
Apollo	402	
Asiagiant		501.513
Astra	372.409.488	
Aura	430.487	
Barcom	373	
Benjamin	468	
BEST	453	498
Bush(UK)	402	
Cambridge	375	
CANAL+	804	
Chaparral	374,410	
DNT	409,428,430,487	
Drake	376,445,446,447, 495	
Dynasat	491,492	
Eastern		507,508, 509,510
Echostar	377,378,379,386, 409,411,412,457, 458,460,461,462, 486,800	
EMME ESSE	463,464,465	
Eurosky	421	
Eurostar	465	
Finlux	414,415	
FORTEC STAR	808,809	
Fracarro	380,381	
Freecom	426	
FTE	399	
Fuba	413	
Giucar Record	382,416	
GMI		499,515,

Brand/Device	SAT	CABLE
GMI		519,521
Grundig	383,400,402,484	
Hirschmann	415	
Hitachi	483	
Huth	421,479	
ICX International	417	
IEEC		506,514
ITT-Nokia	384,385,418	
JEBSEE		496
Jeemon	386	
Jerrold		417
Johansson	387	
Kathrein	388,389,390,419, 469	
KOKA		502,505
Lenco	423,426,480,481, 482	
LEON		499
Luxor	384,391,392	
Macab	420	
Macom	444	
Magnavox	477	
Maspro	388,393,402,490	
Metz	383	
MINA	494	
Minerva	383,400,484	
Mitsubishi	489	
Morgans	421	
NEC	422,478,493	
Neckermann	421	
Network	394	
NOKIA	807	
OAK		500
Obritech	426	

Brand/Device	SAT	CABLE
Pace	394,395,400,402, 485	
Palcom	396	
Palladium	421	
Palsat	423	
Panasonic	473	
Pansat	455	
Paragon		806
Philips	402,424,425,477, 803	
Pioneer	474	
Premier	802	
Primestat	454	
Prosat	405,451,479	
Quelle	383	
Radix	409,428,430,487	
RCA	450(DSS)	
RC-AK	456	
Sakura	397,398	
Salora	391,418	
Samsung	459,475,476	
SAT 100	372,488	
Sateco	426	
Scientific Atlanta	452	
Siemens	383	
Sintrack	427	
Skygiant		511,512
Skymaster	479	
Sony	472	
Star	470	
Strong	399,423,426,480	
STS	393	
STV	413	
TADA		448,523

Brand/Device	SAT	CABLE
Taicom		502
Tantec	396	
Tay Shoen		506,517
Technisat	409,428,429,430 431,487	
Technosat	467	
Tedelex	466	
Teknika	471	
Telemax	432	
Telemeister	398,409,428,430 469,487	
Thorn-Ferguson	394,395,400,401 402,433,485	
Toshiba	442,444	522
TPS	805	
Trans		497,518 520
Uniden	403,404,406,443	
United Satellite	440	
US Electronics	417	
Vector	430,487	
Viewstar	477	
Vortic Star	801	
Vtech	434	
Winer	387,449	501
WISI	409,420,435,436 437,438,439	
WISO		503,504
Zehnder	390	
Zenith	441,444,445,446 447	

Brand/Device	HIFI	CD
Aiwa		581
ATLE		579
Blaupunkt	568	
Denon		547
Fisher	529	546
Haitai		548
Hitachi	530	
Inkei		541
JBL		623,624
JVC		605
Karcher		549
Kenwood	527,531,532,533, 534,	550,580
Lenco	595,596,597,598, 599,600,601,	060,549,585, 586,587,588, 589,590,591, 592,593,594
Luxor		528
Magnavox		553,576,604
Mission		553
NEC		551
Nordmende	535,549	
Onkyo	536,537	613,614,615, 616
Panasonic	538	
Philips		552,553,579, 604
Pioneer	545	554,555,610
Proton		553
Radiotone		549
ROTEL		553,582,583
SAE		553
Sansui		603

Brand/Device	HIFI	CD
Sanyo	539	604,606
Sharp	531	550,566
Sherwood	540,541,577,578	
Sony	617	556,557,575, 607
Sylvania		553,604
Teac		608,611
Technics	542	558,609
Victor		605
Yamaha	543,544	612

Brand/Device	LD/VCD	AUX
Aiwa	626	
BBK	654	
Blaupunkt		569(VHS)
Cabletime		524,525,526 (CTV)
Caravell	622	
Chang Hong	649	
DCS	642	
Denon		564(TUNE) 566(DECK)
Goldstar	633	
Gynco	646	
Haitai	648	
Huangpai	632	
IDALL	635,653	
Kenwood	572,630	
Legend-V	650	
Magnavox	571	
Maikete	651	
Meiduo	627	
One	644,655	
Panasonic	573,574,629,639	

Brand/Device	LD/VCD	AUX
PANDA	645	
Pansainic	627	
Philips	559	560(EQ), 561(PIP), 562(TAPE), 565(TUNE), 567(DCC)
Pioneer	571	
Qisheng	627,634	
RCA	602	
ROTEL		584(TAPE)
Samsung	637	
Shanxing	627	
Sharp	628	
Shengwang	638	
Shinco	647	
SMC	636	
Solve	641	
Sony	575,631	563(TAPE), 575(CDV), 618(TUNE)
Tenoise	643	
Toshiba	571,640	
Xiaxing	652	
Yinhe	656	
Zenith	570	
Others		625 (A-B Switch)

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INSTRUCTION BOOKLET

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- EASY SET UP INSTRUCTIONS INSIDE

2 AAA BATTERIES REQUIRED

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specifications without notify**