

RM-991

Operating Instruction

CHUNGHOP®

- It can be used in most parts of the world.
- It can control most brands of devices that are commonly used in the world.
- Easy programming by auto-search or manual search.



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Thanks for using this remote control! Please follow the steps below to set your remote control before use, and reserve the User Manual for future setting.

Product Profile

This remote controller is a new type combined universal remote controller with LCD remotely, learning function, and powerful built-in code base. Through simple setting, it can control display many kinds of infrared controlled household electrical appliances, such as TV/TXT, DVD, CD, VCR, SAT/CABLE, and A/C (air conditioner), etc. There are many functions: learning function, permanent memory function, macroinstruction function, key transferring function, clock function, alarm clock function, key buzzer function, backlight function, volume sharing function, weak battery hint function, and restoring original factor ysetting function, etc. It is easy operating and practical. It is an ideal choice of a combined remote controller for many kinds of household electrical appliances and the replacement of those lost and damaged.

TV, VCR, DVD, SAT, CD, A/C (air-conditioner) keys and corresponding functions

No.	Key Title	TV Key Function	DVD Key Function	CD Key Function	SAT Key Function	VCR Key Function	A/C Key Function
1	SET	SET	SET	SET	SET	SET	SET
2	ON-OFF	POWER	POWER	POWER	POWER	POWER	POWER
3	MENU MODE	MENU	MENU	MENU	MENU	MENU	MODE
4	EXIT	EXIT	EXIT	EXIT	EXIT	EXIT	WIND
5	TEMP ▲	UP	UP	UP	UP	UP	TEMP+
6	TEMP ▼	DOWN	DOWN	DOWN	DOWN	DOWN	TEMP-
7	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	RIGHT	AUTO
8	LEFT	LEFT	LEFT	LEFT	LEFT	LEFT	MANUAL
9	OK	OK	OK	OK	OK	OK	—
10	NORMAL	NORMAL	--	--	TV/RADIO	--	--
11	AUDIO	AUDIO	CLEAR	--	GUIDE	ANT/SW	--
12	NICAM	NICAM	A/B	--	INFO	--	--
13	SLEEP	SLEEP	REPEAT	REPEAT	SIGNAL	--	--
14	TV/AV	TV/AV	SETUP	INPUT	INPUT	INPUT	--
15	DISPLAY	DISPLAY	DISPLAY	DISPLAY	EPG	DISPLAY	--
16	M1	RED	TITLE	--	EAST	--	--
17	M2	Green	SUBTITLE	--	WEST	--	--
18	M3	Yellow	DISC	DISC	HELP	DISC	--
19	M4	Blue	AUDIO	AUDIO	AUDIO	AUDIO	--
20	VOL+	VOL+	VOL+	VOL+	VOL+	VOL+	--
21	VOL-	VOL-	VOL-	VOL-	VOL-	VOL-	--
22	MUTE	MUTE	MUTE	MUTE	MUTE	--	--
23	REVERSE	REVERSE	RETURN	RETURN	RETURN	--	--
24	PROG+	PROG+	NEXT	NEXT	CH+	NEXT	--
25	PROG-	PROG-	PREV	PREV	CH-	PREV	--
26	1~10	1~10	1~10	1~10	1~10	1~10	--
27	1/-	1/-	1/-	1/-	1/-	1/-	--
28	12▲	Function	Function	Function	Function	Function	--
29	PAGE HOLD	PAGE HOLD	Forward	Forward	Forward	Forward	--
30	TEXT MODE	TEXT MODE	PLAY	PLAY	PLAY	PLAY	--
31	EXPAND	EXPAND	FF	FF	FF	FF	--
32	REVEAL	REVEAL	RECORD	SHUFFLE	FAV	RECORD	--
33	TV MODE	TV MODE	STOP	STOP	STOP	STOP	--
34	MIX MODE	MIX MODE	PAUSE	PAUSE	PAUSE	PAUSE	--

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Denver	3098
Denzel	3093
Desay	3035,3214,3262,3305,3488
Diamond	3092
Digixmedia	3385
Dihe	3258,3265,3295,3505
Ding tian	3315
Divido	3172
Dual	3093
Dvd	3204,3207,3449
Elektra	3381,3386
Eita	3137
Encore	3097
Enzer	3093
F&d	3473
Ferguson	3088
Fisher	3421,3450
Funai	3156
Ge	3419
Gewang	3516
Giec	3277,3480,3482,3483 3484,3498,3510
Go video	3387,3388
Goldstar	3043,3091,3154,3176
Gpx	3389
Greenhill	3173
Grundig	3095,3125,3170,3172,3181
Gvg	3477,3478
Haier	3304
Haitai	3057
Haoji	3256
Harman	3099
Harman kardon	3117,3464
Himage	3313
Hisense	3322
Hitachi	3093
Hiter	3277
Huabaojamo	3132
Hyundai	3273
Idall	3316
Jaton	3167,3217,3249,3250,3251,3490
Jingewangpai	3219,3471
Jingwei	3199
Jmb	3095,3170
Jugao	3506
Jvc	3073,3106,3145,3178,3233 3339,3391,3463
Kardon	3099
Kenwood	3014,3040,3072,3128 3166,3184,3263,3392,3393,3394
Ketai	3218
Kiss	3093,3167
Kih	3109
Konka	3327,3395
Lafayette	3413
Lasonic	3396,3397
Lecson	3096
Legend-v	3059
Lenco	3098
Lg	3091,3177,3196
Linitron	3429
Logik	3078

Six-in-one Universal Remote Controller with LCD Display

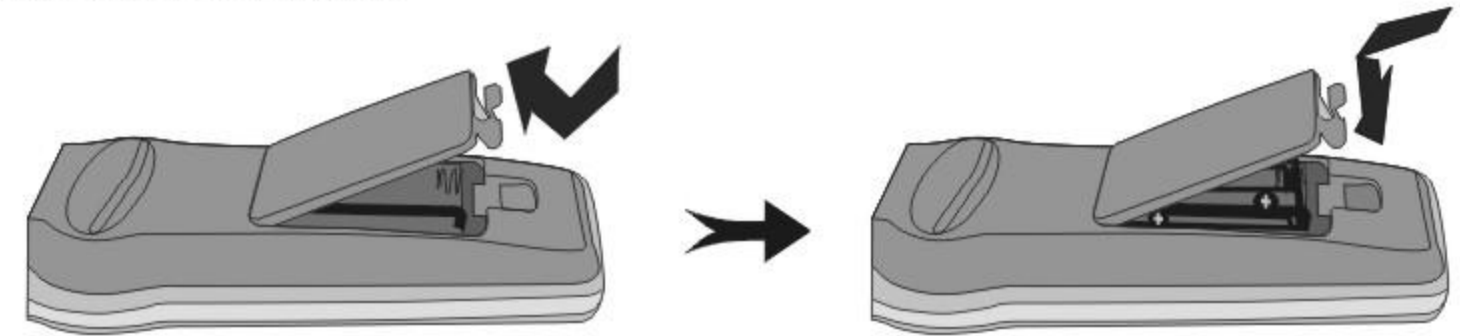
ENGLISH

Please note the followings before using this remote controller:

- When serving the record button "●" in a VCR or DVD player, the record button "●" needs to be pressed for about 2 seconds.
- After turning on the Learn function of this remote controller, the Clock will stop working; have to readjust the Clock after exercising the Learn function.
- Learn keys: when serving the A/C, seven keys  can be used for Learning. When serving other home appliances, all the function keys for Learning.
- As for the Learn code and Key Transfer code, be sure to put the same key in the same storage area when serving the same home appliance, so that the codes will cover each other. When serving the same home appliance, the same key cannot store the Learn code and the Key Transfer code concurrently.
- During your use of the Menu, if you don't press any key within 2~3 minutes, the sys withdraw from the menu. If you don't press any key within 5~6 minutes, the LCD will be turned off.

Install the batteries

Open the battery trough cover, install three fire-new AAA batteries according to the +/- mark on the trough wall, as shown in the figure:



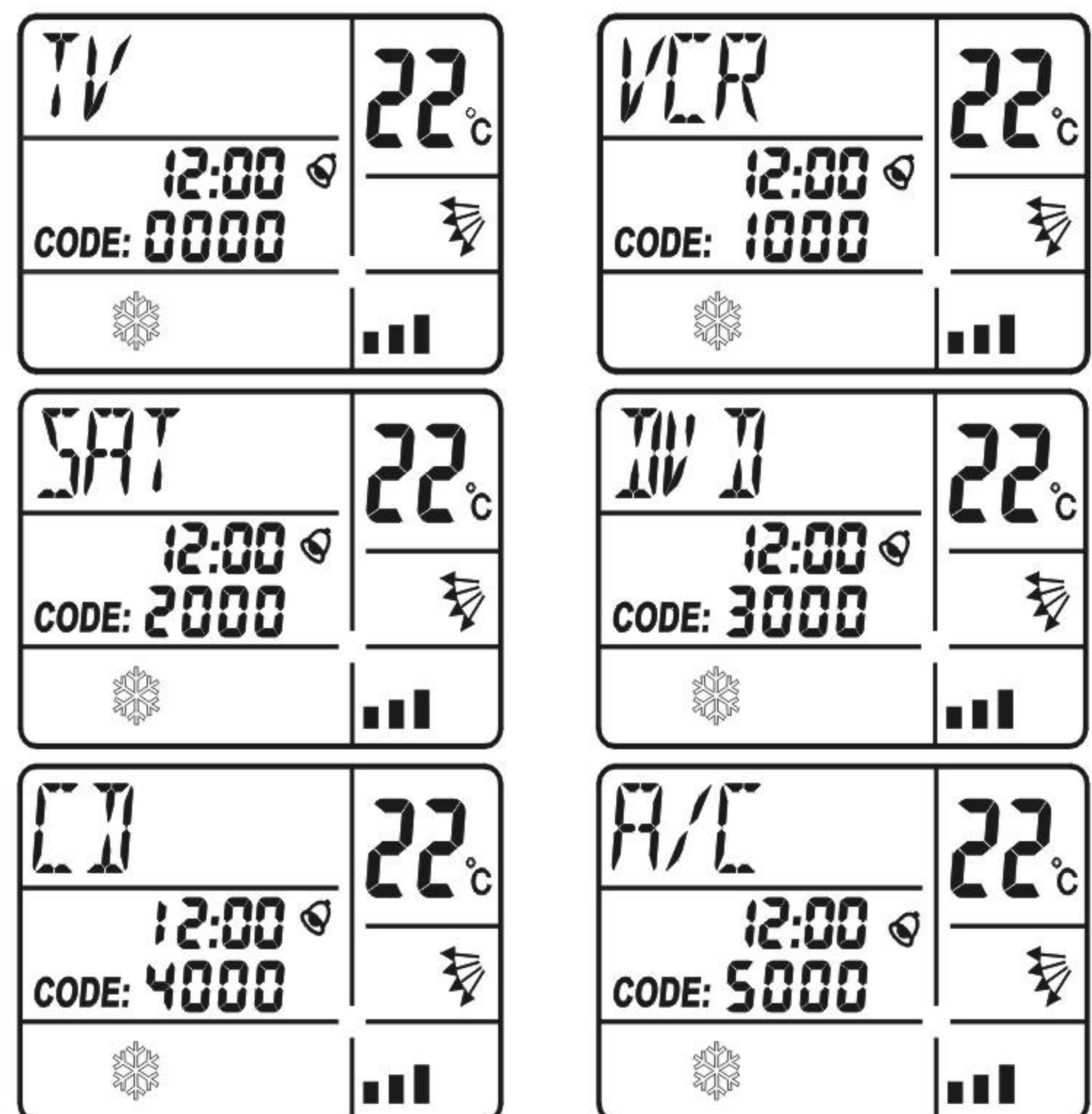
Precautions:



- Do not use new and old batteries or batteries of different models concurrently.
- In case of any liquid leakage from a battery, be sure to take the battery out, and clean the battery compartment trough before replacing it with a new battery.
- Be sure to take the batteries out before you are not going to use this remote controller for a long period of time.

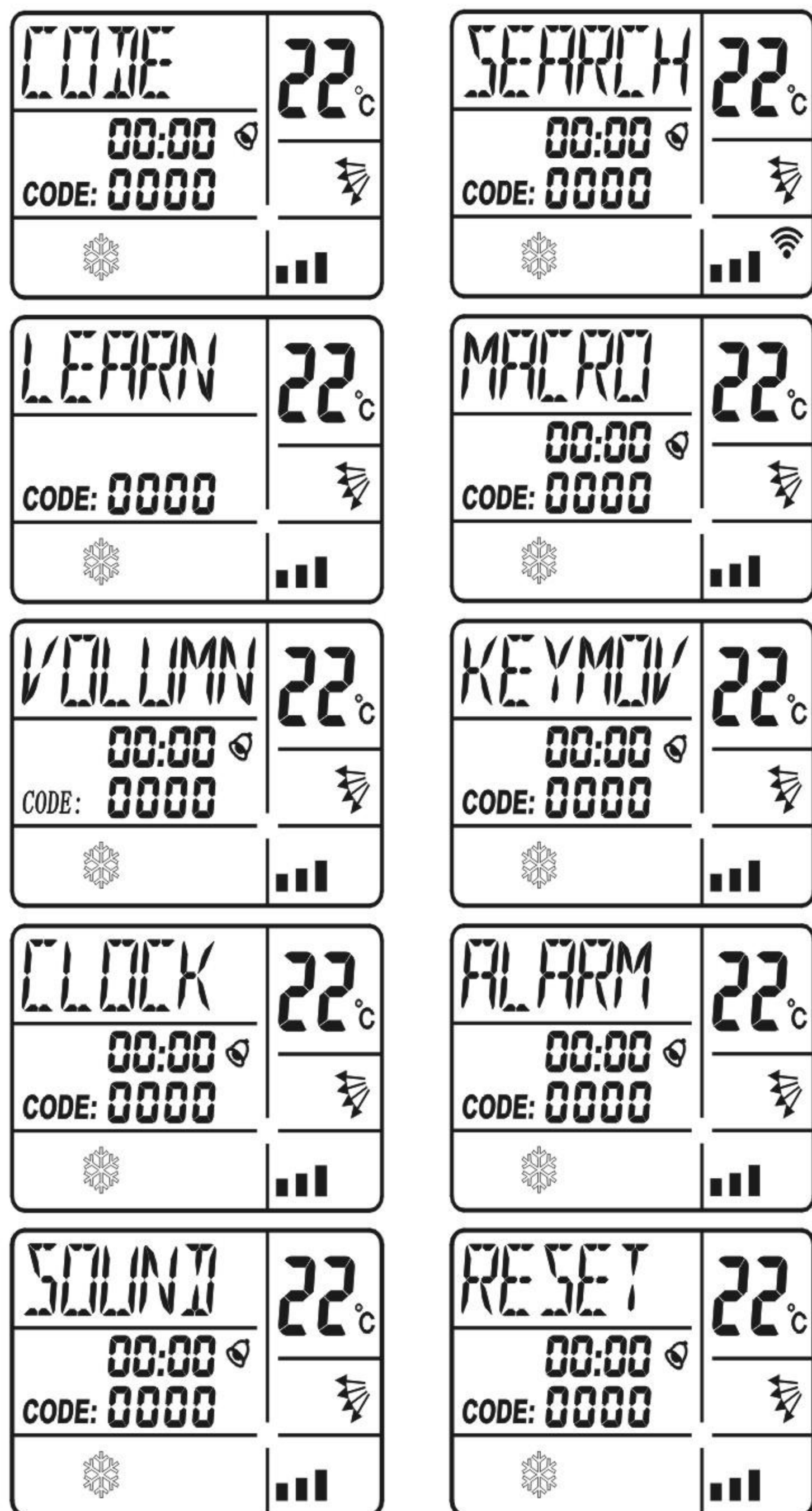
6 kinds of operational interfaces

There are six different equipment operation interfaces in this remote controller: TV, VCR, SAT, DVD, CD, and A/C (air conditioner). It is possible to directly press the equipment key to select.



10 sub-menus that you can shift among

Press the "SET" key for about 5 seconds, to enter the sub-menu settings. There are totally 10 sub-menus, press the "▶◀" or "↔" to shift among these sub-menus.



Settings on the remote controller

This remote controller can be set by three methods (A, B and C). You can opt for any one as you

Code range: TV 0000~0974 VCR 1000~1250 SAT 2000~2998
DVD 3000~3520 CD 4000~4179 A/C 5000~5319

A. Method of code entry

Find the brand of your home appliance to be controlled from the code list. Set for this brand from the first code, until you find the code for your home appliance. If all the codes cannot enable you to use the remote controller normally (or the brand of your home appliance is not in the code list), then go to use Method B or C.

SETUP CODES FOR SAT

Mitsubishi	.....2118,2606,2726
Mnet	.....2369,2375
Morgans	.....2050,2126,2128,2135
.....	.....2538,2760,2789,2827,2828
Morgan's	.....2386,2411,2447,2475
Multichoice	.....2460,2819,2869
Multistar	.....2717
Murato	.....2766
Myryad	.....2385
Nanghai	.....2990
Neahausat	.....2818
NEC	.....2051,2107,2122,2539,2595
.....	.....2610,2723,2752,2846
Neckermann	.....2538
Nekermann	.....2050
Neosat	.....2198
NET	.....2023,2364,2511,2691
Neuhaus	.....2149,2408
NEWLING	.....2330
Nextwave	.....2868
Nikko	.....2135,2257,2430,2744,2814,2876
NOKIA	.....2131,2160,2253,2273,2291,2309
.....	.....2310,2378,2383,2400,2419,2432,2446,2459
.....	.....2479,2480,2481,2482,2484,2486,2641,2649
Noos	.....2379
Nordmende	.....2393,2851
NTV plus	.....2276
OAK	.....2129,2617
OBRltech	.....2055,2543
Oceanic	.....2815
Octagon	.....2150,2741
Okano	.....2135,2717
Olympic	.....2782
Onkyo	.....2707,2714,2729,2776,2777,2818
Optex	.....2737
Orava/otf	.....2770
Orbit	.....2741
Orbitech	.....2408
Orient	.....2722
Oxford	.....2708,2823
Pace	.....2023,2024,2029,2031,2114,2167,2168
.....	.....2251,2252,2256,2294,2295,2380,2431,2437
.....	.....2440,2452,2465,2478,2483,2511,2512,2517
.....	.....2519,2602,2656,2657,2690,2691,2698,2702
.....	.....2721,2739,2743,2762,2784,2793,2808,2824
.....	.....2883,2893,2896,2901,2912
Pacific	.....2815
Palcom	.....2025,2513,2715,2755,2756,2850
Palladium	.....2050,2135,2418,2538
Palsat	.....2052,2408,2540,2693
Paltec	.....2756
Panasat	.....2172,2216,2422,2460,2661,2819
Panasonic	.....2102,2301,2353,2354
.....	.....2355,2452,2590,2674,2907
Panasonid	.....2185
Panda	.....2149
Pansat	.....2084,2572
Paragon	.....2159,2648
Patriot	.....2412,2911
Phantom	.....2823
Philips	.....2031,2053,2054,2089,2106,2128
.....	.....2136,2150,2156,2184,2194,2289,2311
.....	.....2377,2381,2382,2385,2388,2418,2429
.....	.....2435,2442,2454,2467,2477,2519,2541
.....	.....2542,2594,2645,2672,2673,2702,2737
.....	.....2738,2761,2762
Phoenix	.....2395
Phonotrend	.....2140,2387,2420,2436
Pioneer	.....2103,2334,2348
.....	.....2349,2454,2591,2762
Pixx	.....2417
Planet	.....2722
Polytron	.....2398
Praxis	.....2838
Preisner	.....2126,2135,2411
Premier	.....2155,2644,2662
Primestar	.....2083
Primestat	.....2571
Prosat	.....2034,2080,2108,2140,2152,2387
.....	.....2522,2568,2596,2692,2699,2768
Protek	.....2815
Provision	.....2143,2784
PSR	.....2211
Ptt telecom	.....2754
PVP Stereo Visual Matrix	.....2367
Pyxis	.....2448
Qak	.....2361,2362,2363
Quadral	.....2393,2414,2424,2768
QUADRAT	.....2140,2152
Quadro	.....2826
QUELLE	.....2012,2149,2500
Radiola	.....2128,2385
Radix	.....2038,2057,2059,2116,2247,2260,2265
.....	.....2287,2399,2463,2526,2545,2547,2604,2769
Rainbow	.....2150
Rank/rbm	.....2702
RCA	.....2079,2171,2188,2567,2660,2677
RC-AK	.....2085,2573
Redifusion	.....2752
RFT	.....2128,2140,2385,2387,2772
Ritar	.....2688,2818
RM	.....2213
Roadstar	.....2818
Roch	.....2729,2779

SETUP CODES FOR SAT

Rover	.....2152
RTG	.....2199
SABA	.....2143,2149,2244,2245,2264,2269,2273
.....	.....2282,2304,2319,2415,2429,2433,2464
.....	.....2702,2757
Sagem	.....2379,2445,2487,2794,2795
.....	.....2796,2797,2811
Sakura	.....2395,2514,2515,2698,2700
Salora	.....2020,2047,2383,2508,2535,2688,2689
.....	.....2704,2736,2747,2753,2802,2859,2860
Samsung	.....2088,2104,2105,2154,2230,2320
.....	.....2321,2576,2592,2593,2717,2760,2761
.....	.....2764,2830
SAT	.....2391,2406,2764
Sat 100	.....2489
Sat 101	.....2605
Sat partner	.....2741,2766
Sat1	.....2967
SAT100	.....2001,2117
SAT1RM3000	.....2969,2970,2971,2972,2973
.....	.....2974,2975,2976,2977,2978,2979
Satcom	.....2390,2741,2754,2809,2857
Satec	.....2691,2702
Sateco	.....2055,2543,2707,2741
Satellite	.....2746
Satline	.....2152
Satmaster	.....2390
Satpartner	.....2143,2150,2403,2409,2415,2433
Satstation	.....2474
Schacke	.....2150
Schneider	.....2442,2780,2806,2889,2890
Schwaiger	.....2398,2410,2417,2485,2691
Scientific Atlanta	.....2081,2343,2344
.....	.....2345,2368,2372,2569
Sedea	.....2741
Seemann	.....2135,2399,2769
SEG	.....2145,2403,2413,2416,2434,2741
Seleco	.....2141,2741,2818,2831
SET	.....2178,2190,2191
.....	.....2192,2667,2678,2679,2680
ShanDongZiBo	.....2986,2987,2988,2992
ShangHai	.....2995
ShenZhen	.....2983
Siemens	.....2012,2500,2726
Signal	.....2085,2203,2208
Silva	.....2766
Sintrack	.....2056,2544
Skardin	.....2174,2175,2852
Skr	.....2818
SKY	.....2452,2455,2465,2478
Sky Master	.....2239,2241,2242,2318
Sky network	.....2832,2920
Skydigital	.....2233,2234
Skygiant	.....2628,2629
Skylab	.....2733
Skymaster	.....2091,2108,2140,2142,2145,2152
.....	.....2178,2180,2208,2233,2235,2236,2387,2414
.....	.....2424,2430,2461,2596,2782
Skymax	.....2128
Skyvision	.....2141
SL	.....2126
SM Electronic	.....2430
SONY	.....2101,2187,2237,2277
.....	.....2292,2452,2589,2676,2762
Sskura	.....2026,2027
SSTcom	.....2145,2149
STAR	.....2088,2099,2155,2199
.....	.....2221,2224,2228,2587,2914
Stella	.....2751
Stream	.....2831
Strong	.....2028,2052,2055,2109,2121,2143
.....	.....2150,2217,2218,2221,2322,2323,2324
.....	.....2458,2460,2476,2516,2540,2543,2597
.....	.....2693,2762,2781,2784,2829,2870
STS	.....2022,2510
STV	.....2042,2530
STVI	.....2402,2729
Sumida	.....2135
Sun	.....2773
Sun moon star	.....2166,2655,2869,2897
Sunstar	.....2126,2135,2411,2439
Super max	.....2199,2201,2202,2203
Supernova	.....2465
Supex	.....2211,2215,2222
Sxhwaiger	.....2145
TADA	.....2077,2565,2640
Tadiran	.....2170,2659
Sagra	.....2141,2704
Saicom	.....2619
Sandberg	.....2737
Tantec	.....2025,2513,2702,2715
Tay Shoen	.....2146,2623,2634
Techniland	.....2141,2390
Technisat	.....2038,2057,2058,2059,2060,2116
.....	.....2128,2254,2255,2270,2275,2280,2286,2300
.....	.....2312,2313,2405,2408,2526,2545,2546,2547
.....	.....2548,2604,2720,2746,2759,2761,2763,2769
Technosat	.....2096,2155,2222
.....	.....2584,2707,2806,2840
Technowelt	.....2149
Teco	.....2397
Tedalex	.....2095,2583
Teknika	.....2100,2588
Telasat	.....2145

SETUP CODES FOR SAT

Dvb-2	2951
Dvb-3	2952
Dvb-ik05	2953
Dvb-ik06	2954
Dvb-ik07	2955
Dvb-ik08	2956
Dvb-ik09	2957
Dvb-ik10	2958
Dvb-ik11	2959
Dvb-ik12	2960
Dvb-rc03	2961
Dynasat	2120,2121,2608,2609
.....	2780,2791,2792,2845
Eastern	2137,2138,2139
.....	2624,2625,2626,2627
Echostar	2006,2007,2008,2015,2038,2040
.....	2041,2086,2087,2090,2091,2115,2153,2180
.....	2215,2399,2430,2454,2457,2494,2495,2496
.....	2503,2526,2528,2529,2574,2575,2577,2578
.....	2579,2603,2642,2669,2696,2704,2712,2713
.....	2715,2724,2728,2769,2787,2788,2803
Eh.galaxy	2211
Eif	2402
Einhell	2126,2135,2140
Elsat	2175
Electrosat	2223
Elekta	2143
Elsat	2686
Elta	2128,2141,2394,2707
Emanon	2403,2741
Emmeesse	2092,2093,2094,2580,2581
.....	2582,2740,2780,2782,2783
.....	2791,2792,2816,2820,2831
.....	2863,2865,2866
Eurieult	2729,2779
Eurodec/sagem	2794,2795,2796,2797,2798
Europa	2048
Eurosat	2135,2707
Eurosky	2050,2126,2135,2149,2538
Eurospace	2203
Eurostar	2094,2142,2149,2225
.....	2469,2470,2582,2825
Eutra	2441
Exator	2150
Fagorlife	2141
Fairmate	2864
Fait	2769,2780
Feecom	2403,2433
Fenner	2823,2872,2873
Fidelity	2694
Filmer	2375
Filmnet	2737
Finlux	2043,2044,2383,2400,2401
.....	2531,2532,2727,2732
Fm	2707,2840
Formenti	2698
Fortec star	2650,2651,2087,2161,2162,2199
.....	2203,2204,2205,2206,2207,2208,2209
.....	2210,2212,2219,2220,2229,2231,2232
Foxtel	2460
Fracarro	2009,2010,2457,2497,2498,2709
.....	2710,2714,2741,2780,2781,2829,2831
.....	2870,2881,2882
France telecom	2376
Freecom	2055,2543
Fte	2028,2456,2516,2693,2740
.....	2839,2840,2841
Fuba	2042,2399,2401,2402,2403,2530
.....	2704,2715,2726,2729,2733,2741
.....	2742,2756,2767,2769
Fushan	2991
Untach	2176,2177,2665,2666
.....	2689,2691
G sat	2140,2141,2246,2248,2250,2262
.....	2266,2267,2288,2306,2387,2394,2395
.....	2426,2443,2450,2456,2485,2707,2782
.....	2830,2840
Galaxys	2226,2834
Gardiner	2444
Glucarecord	2011,2045,2499,2533,2725
Gmi	2135,2144,2148,2616,2632,2636,2638
Gold box	2272,2762
Golden	2735
Goldstar	2766
Gooding	2418
Granada	2702
Grandin	2125,2451
Grothusen	2766
Grundig	2012,2029,2031,2033,2262,2263
.....	2271,2299,2418,2435,2442,2452,2500
.....	2517,2519,2601,2684,2685,2702,2726
.....	2819,2842,2854
Gsm-1600	2962
Guangxi	2997
Guangzhou	2982
Haerbin	2989
Hamiln/regal	2356,2357,2358,2359,2360
Hongkong	2980,2981
Hangzhou	2993
Hanseatic	2145
Hanuri	2143
Hebeineimenggu	2994

SETUP CODES FOR SAT

Heliocom	2149,2740
Hinari	2691,2768
Hirschmann	2044,2297,2399,2400,2408
.....	2409,2419,2441,2463,2532,2726,2732
.....	2761,2765,2904,2905,2906,2908,2909
Hitachi	2112,2181,2182,2600
.....	2670,2671,2702,2736
Houston	2428,2823
Hts	2180,2669
Huangshi	2964
Hughes	2181,2182,2670,2671
Humax	2134,2327,2456,2472
Huth	2050,2108,2135,2140,2141,2149,2386
.....	2387,2390,2394,2396,2439,2538,2596,2782
Hwalin	2169,2658
Hypervision	2377
Hypson	2729,2779
Hyundai	2279,2833
Icxinternational	2046,2534
leec	2623,2631,2682
Ikusi allsat	2396
Imperial	2722,2757,2919
Intertronic	2135,2877
Intervision	2141,2149,2152,2420
Invideo	2457
Italtel	2831
Itc	2818
Itt	2383
Itnokia	2013,2014,2047,2501,2502
.....	2535,2688,2702,2704,2732
.....	2736,2739,2747,2762,2774,2775
.....	2802,2812,2817,2818,2859,2860,2875
Jebsee	2613
Jeemon	2015,2513,2707
Jerrold/g.i	2046,2083,2274
.....	2335,2336,2337,2338,2339,2340
.....	2341,2342,2352,2365,2366,2367
.....	2371,2534,2571,2894
Johansson	2016,2141,2504,2714,2730
Jok	2429,2837
Jsr	2015,2394,2707,2840
Jvc	2412,2418
Kathrain	2017,2018,2019,2048
.....	2098,2128,2136,2150
Kathrein	2258,2278,2284,2384,2385,2391
.....	2398,2404,2407,2410,2423,2427,2473
.....	2505,2506,2507,2536,2586,2687,2717,2718
.....	2726,2771,2777,2780,2844,2903
Keywest	2439
Koka	2619,2622
Kosmos	2717,2766
Kr	2150
Kreiselmeier	2726
Kyostar	2150,2403
Laem sat	2840
Lasat	2126,2135,2143,2149,2411
.....	2415,2421,2789,2799,2800,2801
Lenco	2052,2055,2109,2110,2111,2397,2403
.....	2540,2543,2597,2598,2599,2741,2766
Leng	2714
Lennox	2420
Leon	2128,2616
Lexus	2128
Lifesat	2145
Linyi	2985
Livesat	2822
Loeweopta	2135
Llorenzen	2149
Luxor	2013,2020,2021,2383,2419,2501,2508
.....	2509,2688,2689,2704,2727,2736,2748,2749
.....	2891
Lyonnaise	2891
M&b	2145
M.net	2733,2813
Macab	2049,2453,2462,2537,2843
Macom	2073,2561
Maestro	2895
Magnavox	2106,2183,2184,2594,2672,2673
Manhattan	2141,2143,2415,2420
.....	2474,2702,2707,2784
Marantz	2128,2385,2737
Maspro	2017,2022,2031,2119,2435,2505
.....	2510,2519,2607,2687,2702,2716,2719,2861
Mataw	2717,2735
Matsui	2261,2418
Max	2149
Maxtronics	2329
Mb	2145
Mediabox	2762
Mediamarkt	2135,2386
Mediasat	2454,2762
Mega	2128,2737
Memphis	2395,2697,2700
Metronic	2125,2135,2136,2140,2143,2150
.....	2430,2741,2781,2784,2785,2870,2871,2874
Metz	2012,2500,2726
Microsat	2227
Micro technology	2416,2765
Micronax	2328
Micronik	2468
Mimtec	2853
Mina	2123,2611
Minerva	2012,2029,2113,2418
.....	2500,2517,2601
Misc	2879

Six-in-one Universal Remote Controller with LCD Display

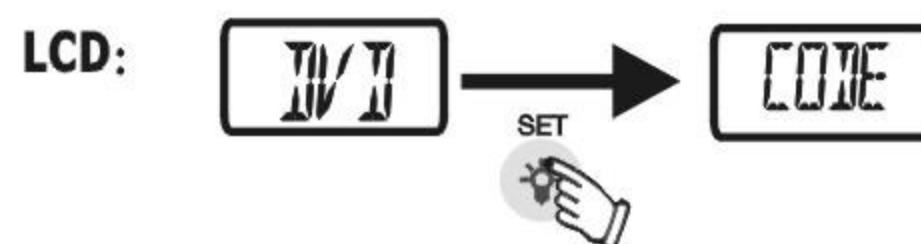
ENGLISH

1. Manually turn on the home appliance you are going to take remote control of, find the first code for your home appliance from the code list. For example: the DVD is branded SONY, the first code is 3017.



2. Press DVD key once to switch to DVD interface.

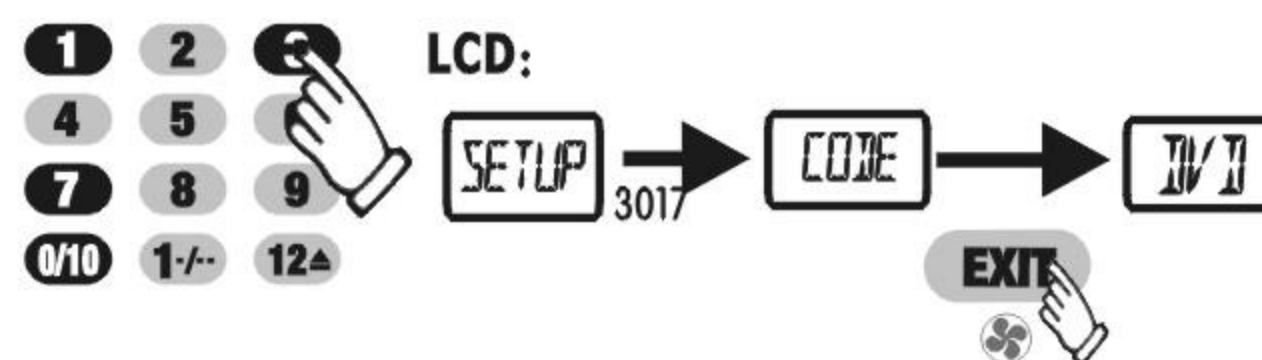
3. Press the "SET" key for about 5 seconds, to enter the sub-menu "CODE" state.



4. Press the "OK" key, to enter the settings state.



5. Enter four figure code 3017. It will return to the sub menu of "CODE" when the input is correct and "BI" is heard. Press key "exit" to exit and save the setting. Check whether or not all other keys (except equipment key and SET key) are valid. If yes, the setting is completed; if not, repeat Steps 4~5. (Sound "BI-BI-BI-BI" can be heard if the code input is wrong. Reenter again.)



B. Method of manual search of code

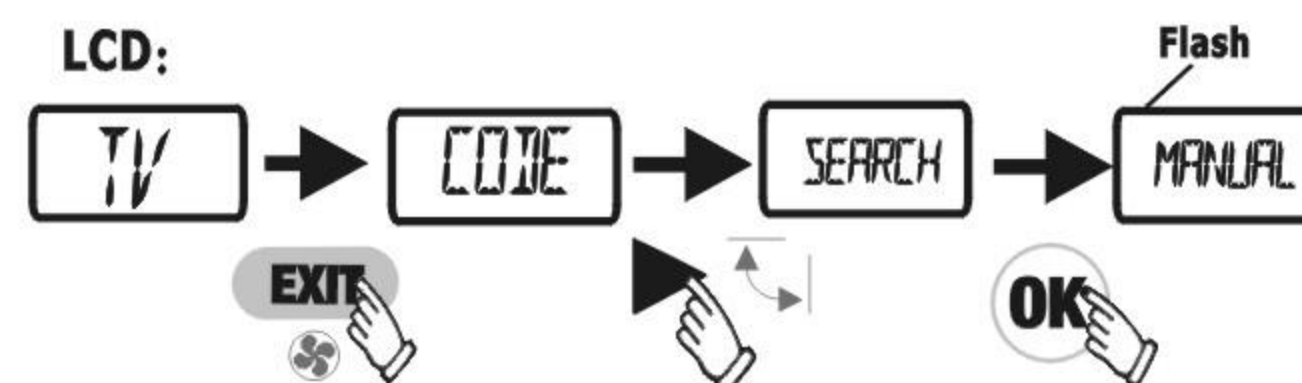
1. Manually turn on the home appliance you are going to take remote control of (e.g. TV or VCR, etc.), aim the remote controller at the home appliance that has been turned on. For example: to do settings on the TV.



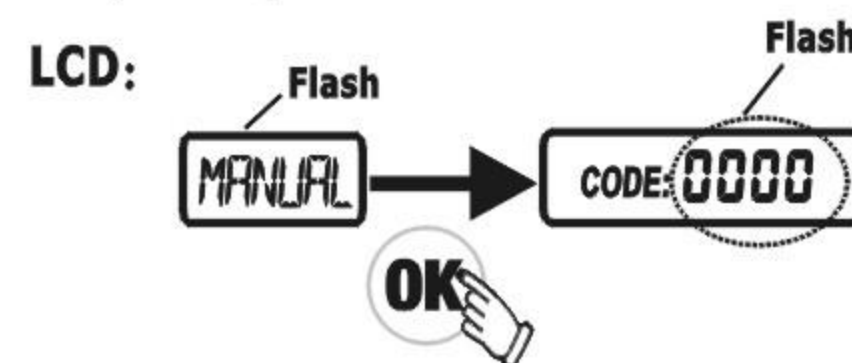
2. Press key TV once to switch to "TV" interface.



3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state; then press the "SEARCH" key to show "SEARCH", then press the "OK" key, the "MANUAL" will blink.



4. Press the "OK" key for once, the "Code" will blink.

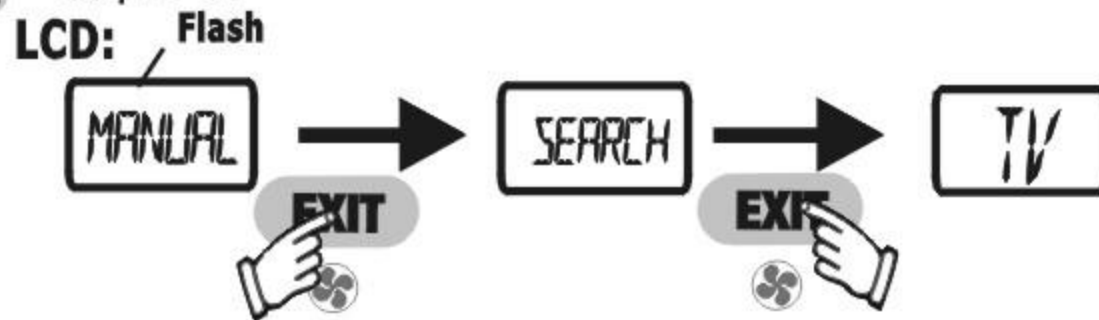


5. Aim the remote controller at the TV set, click the "TEMP" key, until the screen of the TV set shows the "VOLUME" mark. Press the "OK" key to return to the "MANUAL" state.



Remarks: except for that A/C (air-conditioner) shows Turned On, other home appliances all show the "Volume" mark. Therefore, when doing the settings, be sure to turn on the power of A/C (air-conditioner), and make it remain in the Stand-by state. Other home appliances shall remain in the Normal Play state.

6. Check whether or not other keys are valid, ("TEMP", "exit", SET, equipment key, confirm key excepted). If yes, press "exit" once to return to "SEARCH" menu and press "exit" again to exit. The setting is completed. If not, repeat Steps 4~6.

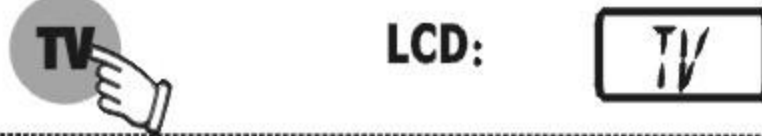


C. Fully automated search of code

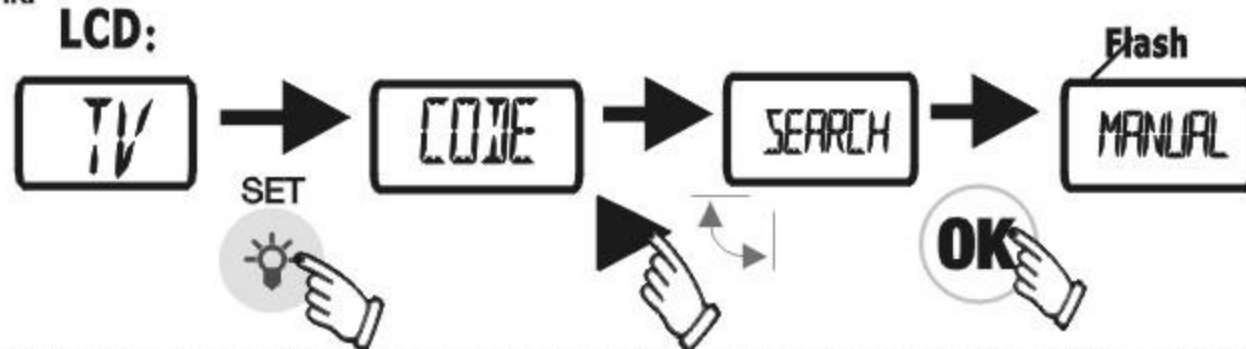
1. Manually turn on the home appliance that you are going to take remote control of (e.g. TV, VCR etc.), aim the remote controller at your home appliance that has been turned on. For example: do settings on the TV.



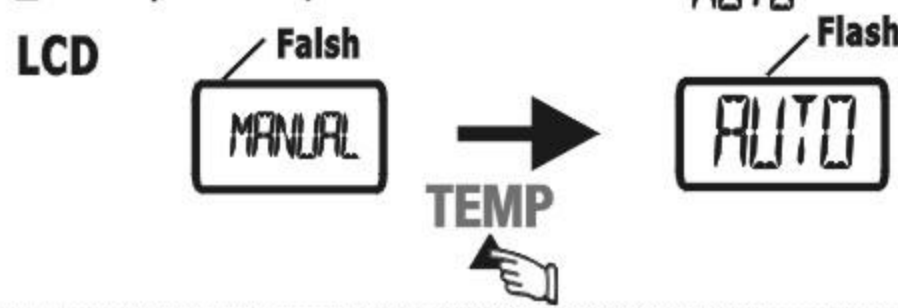
2. Press key TV once to switch to "TV" interface.



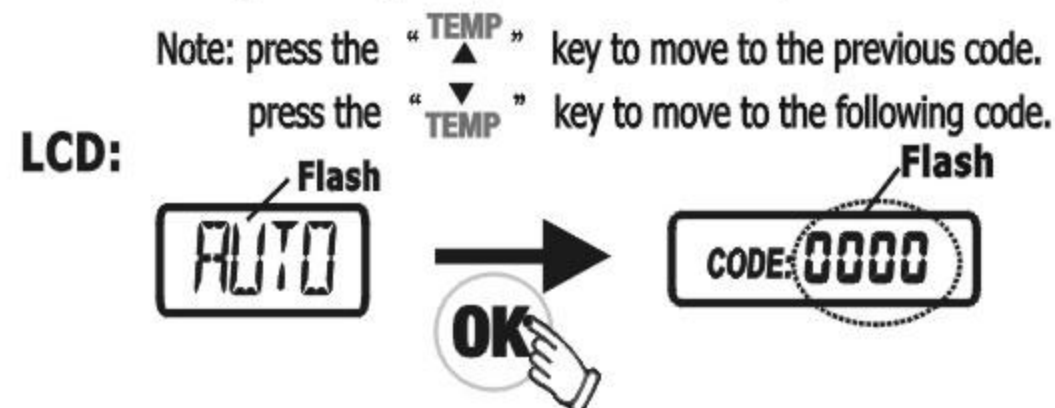
3. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "▶◀" key to set the menu screen at "SEARCH", then press the "OK" key, the "MANUAL" will blink.



4. Press the "TEMP" key for once, the screen will show "AUTO".



5. Press the "OK" key for once, the system enters the Fully Automated Search state.



6. When the home appliance that you take remote control of is turned off, press the "OK" key immediately to stick to the code of this home appliance (remarks: TV and SAT will show Turned Off, and A/C (air-conditioner) will show Turned On. VCR, DVD and CD will show Play. If the VCR or DVD or CD shows Automatic Play, then turn it off manually, the system will go into the Standby state.)



SETUP CODES FOR VCR

Rex	1004,1023,1050,1188,1239
Rft	1240
Roadstar	1110,1126,1186,1199,1220,1222
Royal_lux	1111
Saba	1001,1004,1010,1023,1026,1049
.....	1050,1052,1057,1068,1069,1141,1142
.....	1165,1166,1188,1214,1229,1230,1239,1245
Saisho	1017,1018,1053,1112,1063,1091
.....	1179,1185,1201,1215,1216
Salora	1014,1016,1045,1154,1190,1192,1205
Samsung	1020,1167,1168,1169,1170
.....	1171,1220,1241
Sansui	1051,1111,1112,1188,1198
Sanwa	1108
Sanyo	1022,1045,1047,1070,1131,1172
.....	1192,1203
Saville	1109,1237
Sbr	1200,1207
Schaub_lorenz	1107,1178,1188,1203
Schneider	1009,1012,1020,1107,1110
.....	1133,1145,1173,1178,1199,1200
Sears	1046
Seg	1012,1020,1111,1220,1231
Sei	1179,1200
Sei-sinudyne	1108
Seleco	1040,1110,1126,1127,1188
.....	1214,1218,1221,1238
Senta	1008
Sentra	1181
Sharp	1032,1033,1072,1110,1154,1185
.....	1194,1197,1202,1209,1225
Shintom	1199,1203
Shinton	1087
Shiva	1110
Shorai	1179
Siemens	1003,1006,1022,1100,1131,1173
.....	1186,1196,1200,1203,1207,1213
Silva	1186
Singer	1191
Sinudyne	1009,1018,1179,1200
Solavox	1181
Sonorol	1192,1197
Sontec	1110,1186
Sony	1029,1030,1071,1073,1074
.....	1075,1098,1102,1113,1114,1115
.....	1116,1117,1118,1119,1120,1121
.....	1122,1123,1182,1183,1184,1247
Soundwave	1110
Starlite	1110
Sunkai	1112,1236
Sunstar	1107,1178
Suntronic	1107,1178
Supra	1110
Symphonic	1107
Taisho	1108
Tandberg	1053,1138
Tandy	1178,1203
Tashiko	1107,1110,1178
Tatung	1009,1112,1107,1109
.....	1178,1188,1200
Teac	1107,1110,1178,1222,1227,1240
Tec	1181
Technics	1210,1218
Technisat	1112
Teleavia	1188,1244
Telefunken	1001,1004,1010,1023,1049,1050
.....	1052,1054,1061,1076,1077,1078,1166,1174
.....	1188,1212,1229,1230,1239,1244,1245,1246
Telemeistar	1090
Teletech	1111,1107
Tenosai	1199
Tensai	1111,1107,1108,1110,1178,1231
Tevion	1112
Thom	1131,1144
Thomson	1001,1004,1010,1023
.....	1049,1054,1055,1059,1188,1198
.....	1229,1230,1239,1244,1245
Thom	1185,1188,1203
Thom-ferguson	1001,1004,1031
.....	1034,1035,1036,1050,1037,1039
.....	1060,1061,1079,1099,1110
Tmk	1017
Tokai	1110
Topline	1112
Toshiba	1004,1023,1038,1175
.....	1176,1188,1190,1191,1200,1239
Towada	1111,1231
Triumph	1215
Uher	1004,1020,1110,1220
Ultravox	1007
Universum	1111,1112,1107,1110,1144,1145
.....	1159,1178,1186,1200,1205,1213,1220,1232
Vector	1044
Victor	1049,1059,1097
Video	1044
Videomagic	1186
Villain	1178
W.w.house	1144
Watson	1109,1164,1177
Weltblick	1110
White_westinghouse	1007,1013
Xenon	1053
Yamishi	1199
Yokan	1199
Yoko	1110,1181,1220

SETUP CODES FOR SAT

Ab	2165,2654
Abc	2081,2569
Absat	2384,2449,2810
Adb	2296
Aegir	2143
Aeon	2619
Agasgi	2524,2699,2722,2757
.....	2768,2789,2818
Akal	2412
Alba	2036,2150,2392,2403,2412
Aldes	2143,2387,2782,2784,2785,2786,2140
Alfa gold	2163,2164,2652,2653
All vision	2325,2326
Allsat	2128,2141,2707,2737
Allsonic	2140,2782
Alphasat	2668
Alphastar	2128,2179
Amstar	2200
Amstrad	2000,2001,2037,2117,2126,2135
.....	2238,2259,2260,2281,2293,2389,2406
.....	2408,2452,2488,2489,2525,2605,2686
.....	2694,2754,2760,2767,2847,2849,2892
Amstrong	2128
Ankaro	2002,2140,2387,2414,2430
.....	2490,2733,2835
Ansa	2663,2664
Antron	2150,2403,2741
Apo	2633
Apollo	2031,2519
Arcon	2396,2740,2760
Armstrong	2386
Asat	2128,2397
Asiagiant	2130,2618,2630
Ast	2391,2688,2764
Aston	2127,2707,2840,2887
Astra	2001,2037,2038,2135,2149
.....	2383,2397,2413,2416,2489,2526
.....	2605,2687,2688,2845
Astro	2134,2143,2150,2392,2408
.....	2415,2718,2726
Astrx	2193,2195,2196,2199,2681
Audio yon	2394
Audioton	2141,2150
Aura	2059,2116,2547,2604
Auriga	2739,2784
Avalon	2399
Axis	2395
Barcom	2002,2490,2733
Benjamin	2097,2585
Best	2082,2570,2615,2733
Birmingham cable communications	2371
Blaupunkt	2726
Boca	2126,2135,2386,2411,2447
Brain wave	2714
British sky broadcasting	2452,2478
British telecom	2367
Brunor	2734
Bruns	2782
Bskyb	2233,2234
Bt	2412,2428,2429
Bush(uk)	2031,2519,2702,2722,2757
Cabletime	2370
Cambridge	2004,2412,2492,2708,2758,2848
Canal digital	2454
Canal satellite	2454,2646,2762,2906
Canal+	2157,2242,2277,2454
Cci	2765
Changhong	2998
Channel master	2393,2768
Chaparra	12003,2039
Chapprral	2491,2527,2697
Cherokee	2895,2911,2912,2913,2914
.....	2915,2916,2917,2918,2919
Citycom	2136,2398,2444,2776,2777,2780
Cmr	2818,2837,2862
Cnt	2143,2415
Columbus	2715
Commilink	2140,2387
Comtec	2140
Condor	2149
Connexion cx	2731,2750,2769
Connexions	2399,2405
Conrad	2149,2421
Contec	2395
Cosat	2141
Crown	2135,2386
Cyrus	2385
Daewoo	2397,2818
D-box	2432,2459,2486
Ddc	2393,2768
Decsat	2374
Dgtec	2331,2332,2333
Digitrona	2725
Direc tv	2382
Disistrat	2737
Disk express	2733,2757
Distratel	2464
Distrisat	2128
Dnt	2038,2057,2116,2128,2385,2399
.....	2405,2526,2545,2547,2604,2744
Donatec	2733
Drake	2005,2074,2075,2076,2124,2493
.....	2562,2563,2564,2612,2695,2783
Dvb-1	2950

SETUP CODES FOR VCR

Akai	1000
Adel sound	1108
Aiwa	1112, 1107, 1109, 1110, 1124
	1125, 1126, 1178, 1227, 1236, 1237
Akai	1001, 1002, 1040, 1041, 1087
	1088, 1109, 1129, 1188, 1195
	1205, 1223, 1228
Akiba	1199
Alba	1112, 1107, 1109, 1130, 1181
	1199, 1216, 1222, 1224, 1226
	1228, 1234, 1235, 1237
Allsar	1111
Ambassador	1181
Amstrad	1107, 1178, 1232, 1233
Anitech	1111, 1199
Anitsch	1042
Ansonic	1108
ASA	1013, 1110, 1186, 1200
Asuka	1107, 1110, 1186
AWA	1110
Baird	1002, 1004, 1107, 1131, 1132
	1178, 1188, 1203, 1206
Basic Line	1181, 1199, 1222
Blaupunkt	1003, 1005, 1006, 1043, 1100
	1133, 1184, 1208, 1210, 1213
	1218, 1219, 1240
Bluesky	1112, 1109, 1110
Brandt	1212, 1229, 1230, 1244
Brandt Elctronic	1188
Brinkmann	1112
Brionvega	1007, 1014
Bush	1012, 1112, 1107, 1109
	1199, 1216, 1222, 1224, 1234, 1235, 1237
Casio	1107
Catron	1181
CGE	1001, 1008, 1107, 1178
CGM	1022, 1126, 1135, 1136, 1137
Cimline	1199
Clatronic	1181
Cmobitech	1237
Combitech	1109
Condor	1181
Crown	1111, 1181, 1199, 1222
Cyrus	1200
Daewoo	1109, 1138, 1139, 1181, 1222
Dansai	1012, 1199
De Graaf	1189, 1211
Decca	1009, 1112, 1107, 1178, 1200
Denon	1189
Diamant	1110
Dual	1004, 1010, 1107, 1188
Dumont	1107, 1178, 1200, 1203, 1204
Elbe	1044, 1187
Elcatech	1199
Emerson	1017
ESC	1220, 1222
Ferguson	1107, 1140, 1141, 1142
	1188, 1206, 1229, 1230, 1244
Fidelity	1107, 1178
Finlandia	1200, 1203
Finlandia	1107
Finlux	1009, 1107, 1178, 1189, 1200, 1203, 1204
Firslite	1186, 1190, 1191, 1199, 1216
Fisher	1011, 1045, 1046, 1047
	1192, 1193, 1196, 1203
Fristline	1112, 1110
Frontech	1111, 1181
Fujitsu	1107, 1178
Funai	1090, 1107, 1143, 1178
Galaxis	1107
GBC	1012
GEC	1009, 1200
Geloso	1012
General	1089, 1181
General Technic	1112
Goldhand	1199
Goldstar	1013, 1107, 1110, 1186, 1217
GoldStar/LG	1135, 1144
Goodmans	1032, 1112, 1107, 1110, 1138, 1145
	1178, 1181, 1186, 1197, 1199, 1222, 1240
Graetz	1188, 1203, 1220
Granada	1003, 1009, 1014, 1045
	1100, 1107, 1110, 1192, 1200, 1203, 1223
Grandin	1107, 1110, 1178, 1186, 1199
Grundig	1003, 1006, 1015, 1112
	1092, 1100, 1133, 1136, 1146, 1199, 1200, 1213
	1218, 1224, 1240, 1249, 1250
Hanimex	1109
Hanseatic	1009, 1016, 1110, 1186
HCM	1111, 1199, 1224
Hinari	1012, 1017, 1018, 1111, 1048, 1091, 1108
	1179, 1199, 1215, 1220, 1224, 1237
Hitachi	1004, 1012, 1016, 1019
	1107, 1108, 1126, 1147, 1148, 1149, 1178, 1179
	1188, 1189, 1204, 1211, 1220, 1223
Hypson	1109, 1199
Imperial	1008, 1020, 1107, 1178
Ingersol	1179
Ingersoll	1108
Inno Hit	1111
Interfunk	1009, 1021, 1200
Intervbuy	1110
Intervision	1112, 1107, 1110

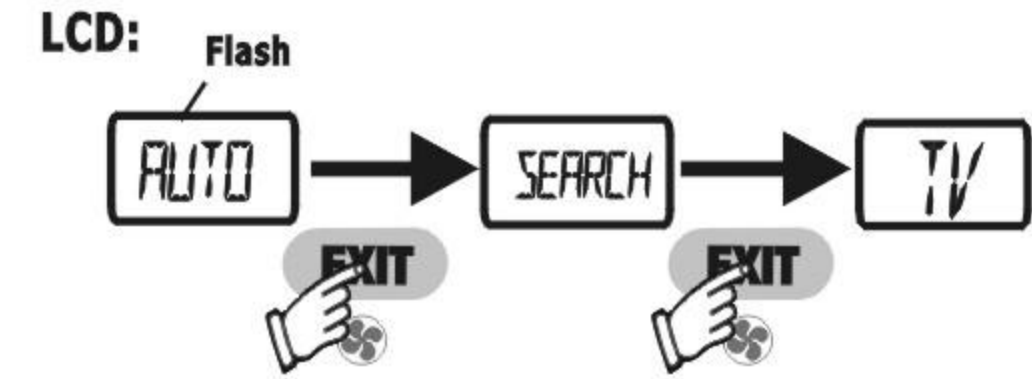
SETUP CODES FOR VCR

Irradio	1110
ITT	1188, 1192, 1203, 1205, 1220, 1239
ITT-Nokia	1001, 1004, 1007, 1021
	1022, 1023, 1047, 1131
ITV	1110, 1181, 1186, 1222
JVC	1001, 1004, 1023, 1049, 1050
	1051, 1052, 1059, 1134, 1150, 1151
	1152, 1180, 1188, 1198, 1214, 1239
Kaisui	1199
Kendo	1112, 1110, 1144, 1205, 1216
Kenwood	1188
Kneissel	1112, 1109, 1110
Korpel	1199
Lenco	1056, 1086, 1222
Leyco	1199
LG	1107, 1110
Lifetec	1112
Loewe Opta	1003, 1053, 1100, 1108, 1110
	1144, 1145, 1153, 1179, 1186
	1200, 1210, 1242
Logik	1179, 1220
Luma	1053
Luxor	1016, 1022, 1154, 1190
	1192, 1194, 1197, 1203, 1205
M electronic	1178, 1187
Magnasonic	1022
Manesth	1191, 1199
Marantz	1003, 1009, 1032, 1197
	1200, 1207, 1226
Marguant	1111
Matsui	1018, 1053, 1112, 1063, 1107
	1108, 1109, 1110, 1135, 1155, 1179
	1185, 1201, 1215, 1216, 1226, 1236, 1237
Matsushita	1248
Medion	1112, 1109, 1236
Meletronic	1107, 1110
Memorex	1013, 1045, 1107, 1110, 1178
	1186, 1192, 1203
Memphis	1199
Metz	1003, 1006, 1025, 1100, 1101
	1186, 1210, 1213, 1219, 1242, 1249
Micromay	1112
Migros	1107
Minerva	1003, 1006, 1100, 1213
Mitsubishi	1009, 1012, 1024, 1051
	1093, 1103, 1156, 1157, 1190, 1198, 1200
Multitech	1012, 1111, 1056, 1107, 1178, 1199
Myriad	1200
NAD	1094, 1203
NEC	1004, 1044, 1051, 1110, 1187, 1188, 1198
	1203
Nechermann	1001, 1003, 1004, 1009
	1016, 1017, 1100, 1200
Nesco	1107, 1109, 1199
Noblisko	1003, 1100
Nokia	1131, 1154, 1188, 1192, 1203, 1205, 1220
Nokia Oceanic	1154
Nordmende	1001, 1004, 1010, 1023, 1026
	1027, 1028, 1049, 1050, 1052, 1054, 1055, 1057
	1058, 1059, 1060, 1061, 1141, 1142, 1188, 1229
	1230, 1239, 1245
Oceanic(F)	1107, 1178, 1188
Okano	1111, 1112, 1128, 1155, 1158, 1228, 1236
Optimus	1248
Orion	1017, 1053, 1112, 1062, 1063, 1064, 1091
	1108, 1109, 1159, 1179, 1185, 1201, 1215
	1216, 1226, 1234, 1235, 1236, 1237
Orson	1107
Osaki	1013, 1107
Others	1081, 1082, 1083, 1084, 1110
Otto Versand	1009, 1016, 1200
Palladium	1002, 1087, 1108, 1110, 1186
	1188, 1199
Palsonic	1107
Panasonic/National	1005, 1021, 1043, 1085
	1160, 1161, 1210, 1218, 1219, 1242, 1248
Pathe Marconi	1188
Pathe Cinema	1108, 1185
Penney	1044
Pentax	1017, 1189, 1204
Perdio	1107, 1178
Philco	1187
Philips	1009, 1033, 1065, 1066, 1067
	1100, 1133, 1145, 1162, 1163, 1164
	1200, 1207, 1239, 1240, 1243
Phonola	1009, 1066, 1136, 1145, 1164, 1200
Pilot	1104, 1105, 1106
Pioneer	1009, 1051, 1065, 1067, 1094
	1095, 1096, 1198, 1200
Portland	1181
Prinz	1107
Profex	1111, 1231
Profitronic	1220
Proline	1107, 1178, 1224
Prosonic	1107
PYE	1051, 1200
Quartz	1045, 1192
Quasar	1248
Quelle	1003, 1006, 1009, 1017, 1029, 1100, 1200
Radialva	1110
Radiola	1200
RCA	1080
Reoc	1236

Six-in-one Universal Remote Controller with LCD Display

ENGLISH

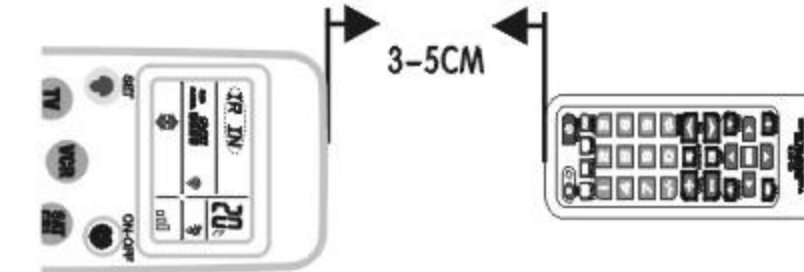
7. Check whether or not other keys are valid, ("TEMP", "EXIT", "SET", equipment key, OK key excepted). If yes, press "exit" once to return to "SEARCH" menu and press "exit" again to exit. The setting is completed. If not, repeat Steps 5-7.



Learning function

This remote controller can learn the ones of various kinds of household electrical appliances with infrared control function in any interface. Eg. TV, VCR, and A/C, etc. When a interface is set, all the other keys have the learning function on the remote controller (equipment key and "SET" key excepted).

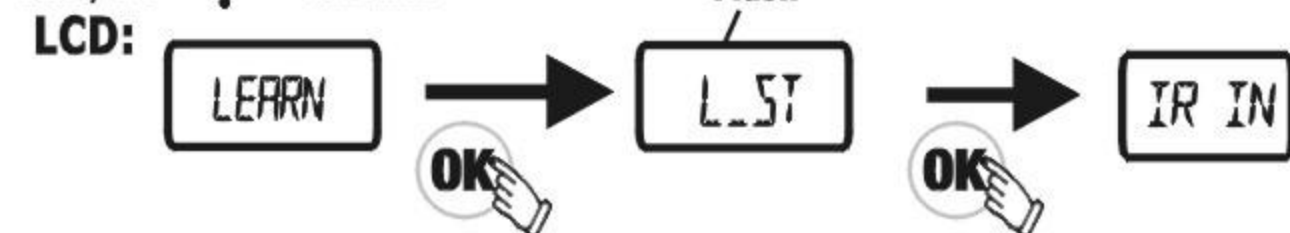
1. Aim horizontally the remote controller to be learnt at the signal window of this remote controller within a distance between 3~5 CM.



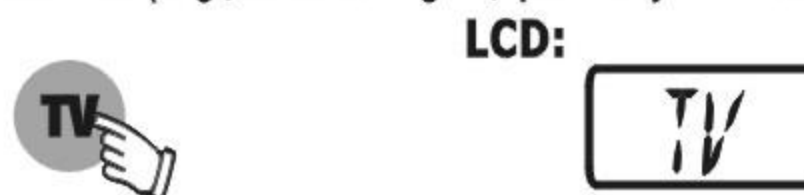
2. Press the "SET" key for about 5 seconds, enter the sub-menu "CODE" state, then press the "TV" key to set the menu at the "LEARN" state.



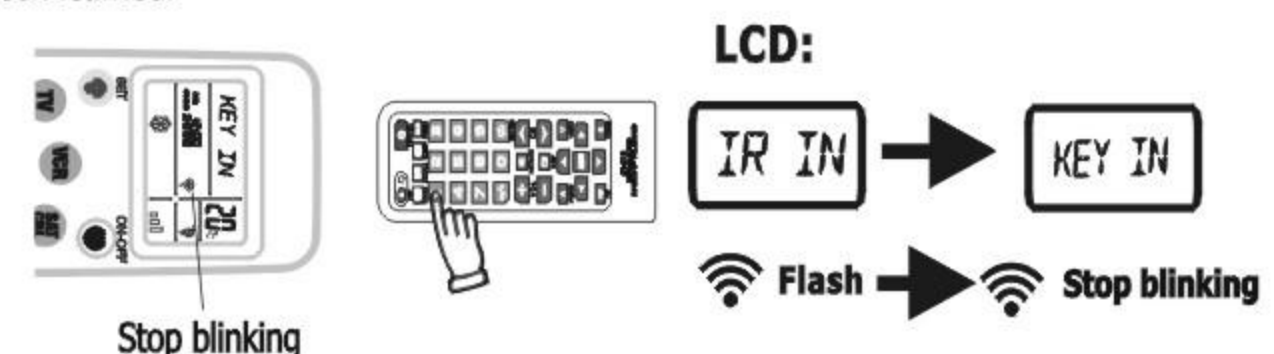
3. Press the "OK" key, the "L-ST" will blink; then press the "OK" key to enter the learning state, the "IR IN" will blink.



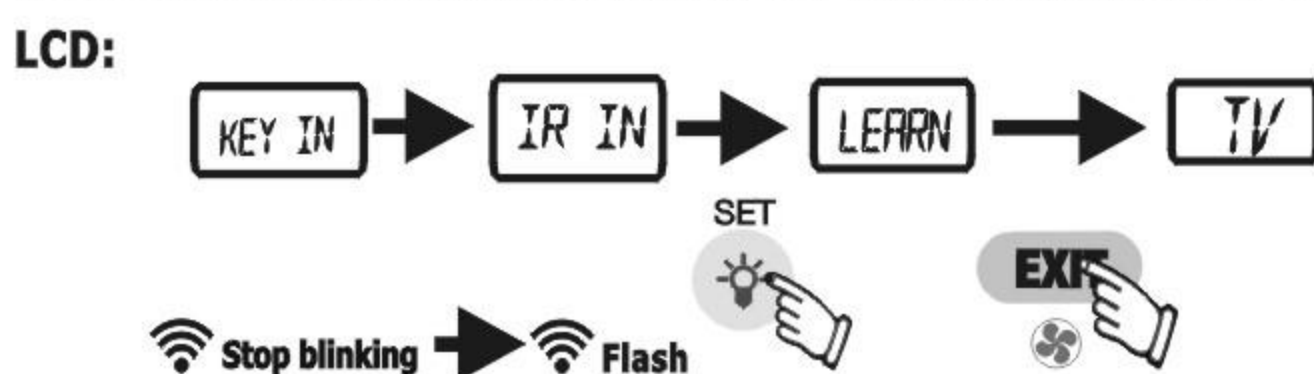
4. Press once the corresponding key to switch to the interface of the household electrical appliance to be learnt from (e. g., when setting TV, press key TV to switch to the interface of "TV".)



5. Press a certain function key on the target remote controller to send out its code, until the "IR IN" stops blinking, then loosen the key, it means the Code Sending Instruction of this function key has been learned.



6. Press the corresponding key to be learnt from on this remote controller, "IR IN" will flicker again. Now other keys of the remote controller to be learnt from have been learnt to that key. Learn each key gradually in the same way till all keys have been learnt. Press key "SET" once to exit the learning mode. Press again key "exit" to return to the interface of "TV".



Remarks: Cancel the learned function

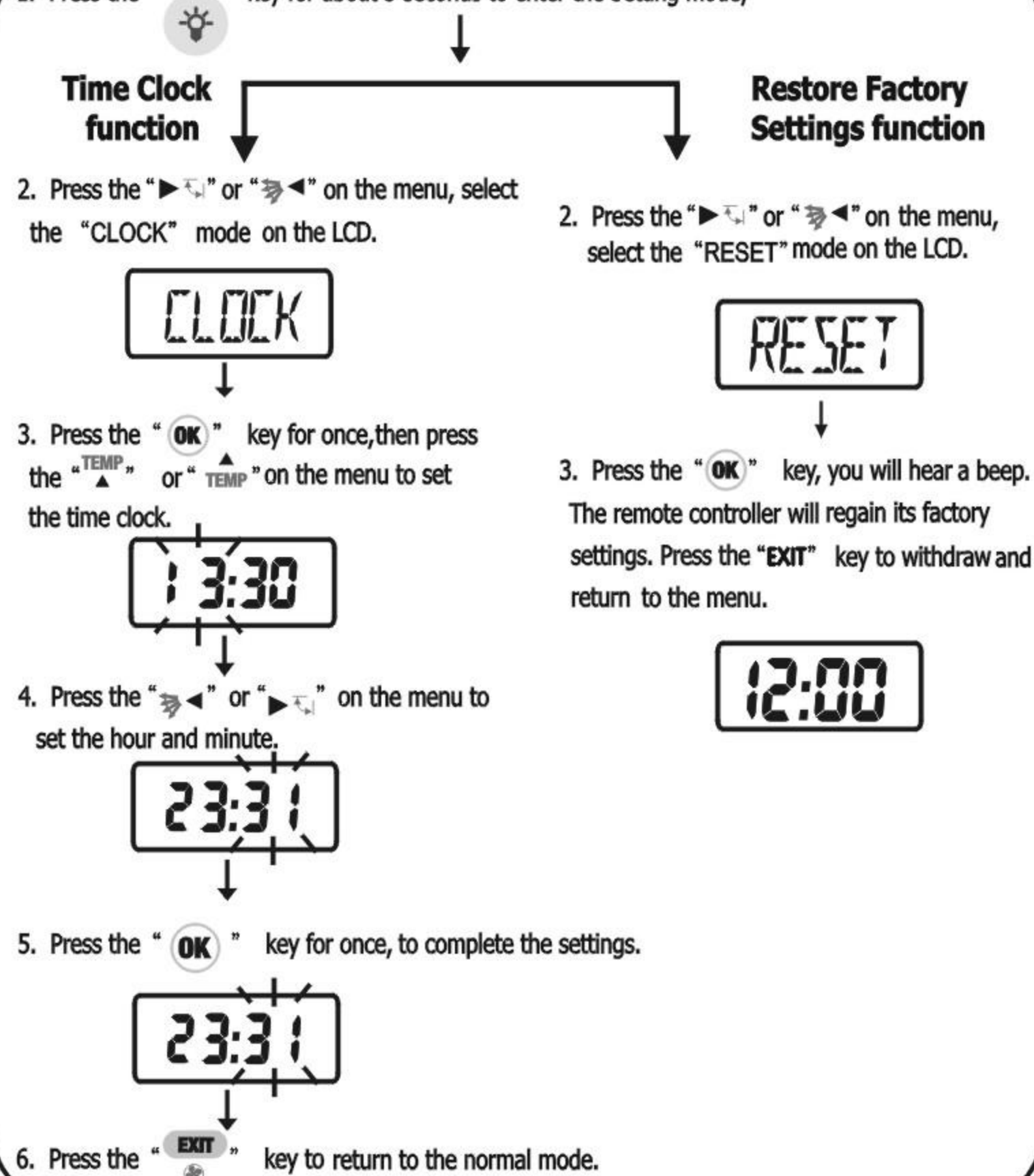
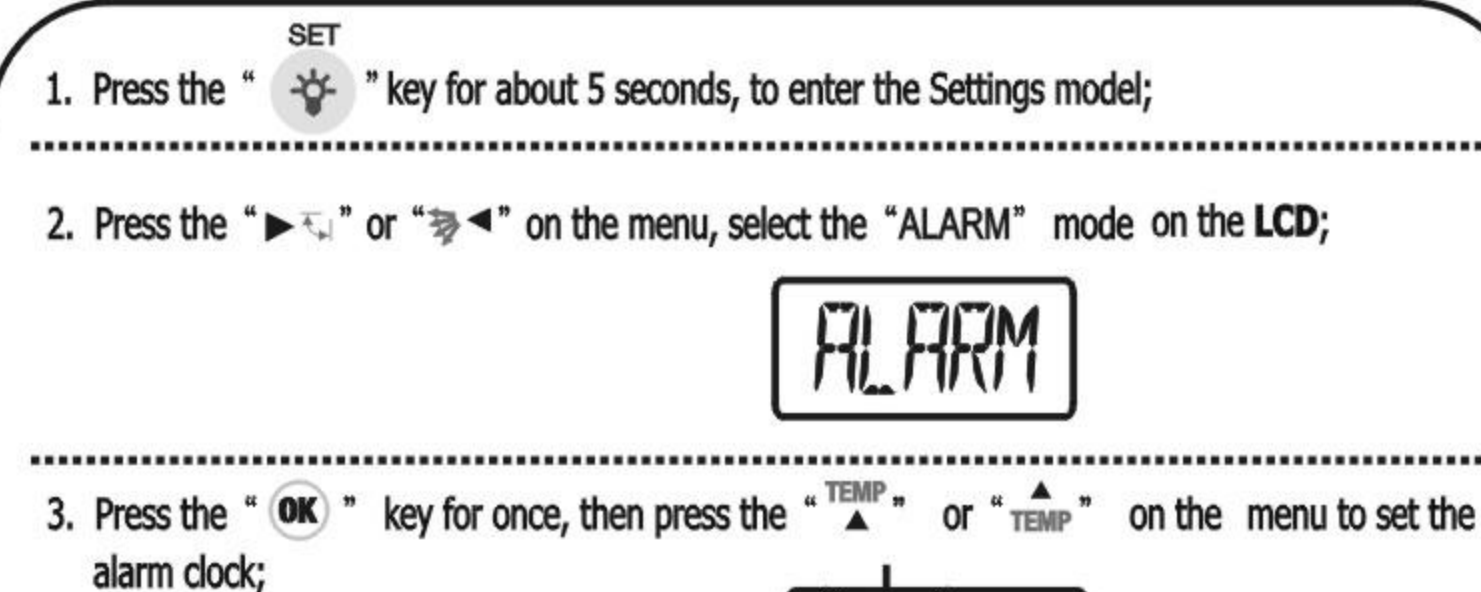
E.g. Cancel the learnt TV interface

Press the "SET" key to shift to the TV interface, → press the "SET" key for about 5 seconds to enter the Settings state → press the "▶◀" key to shift to the "LEARN" state → press the "OK" key to enter → press the "TEMP" to shift to the "LEARN" state. Press the "OK" key to the "LEARN" state → press the Key whose function has been learnt for once, the "K" in [LEARN] will blink for once, which means this key is cancelled. Repeat doing so to cancel the information that you want to cancel → press the "SET" key to withdraw and return to the "LEARN" menu, press the "EXIT" key for once, to return to the TV interface.

Other functions**1. Time Clock function and Restore Factory Settings function**

On the TV, VCR, DVD, CD, SAT and A/C pages, you can do the followings:

1. Press the "SET" key for about 5 seconds to enter the Setting mode;

**2. Set/Cancel Alarm Clock function****SETUP CODES FOR TV**

Tongguang0687,0707,0710,0733
Toshiba0022,0044,0094,0119,0138,0139
.....0141,0142,0276,0301,0328,0329,0339,0340	
.....0425,0446,0455,0458,0465,0491,0493,0518	
.....0528,0530,0545,0553,0558,0559,0607,0634	
.....0641,0642,0654,0661,0662,0668,0669,0670	
.....0681,0682,0684,0687,0707,0710,0733,0743	
.....0744,0745,0813,0939,0940,0941	
Towada0596
Toyoda0503
Trans continens0500,0513,0520,0600
Transfec0299
Transonic0311,0503,0513,0517
Trident0602
Tristar0300,0620
Triumph0301,0448,0468,0516,0549,0553
.....0566,0602,0628	
Tsoschi0510,0621
Tvtext0516,0628
Uher0011,0012,0036,0037,0038,0078,0255
.....0471,0472,0496,0504,0513,0572,0582,0612	
.....0618,0624	
Ultravox0003,0025,0082,0096,0146,0155
.....0299,0447,0477,0485,0493,0513,0539,0579	
.....0586,0596,0599,0607,0624	
Unic line0593,0624
United0375,0415,0501,0513,0518,0624
Universal0513
Universum0094,0160,0221,0307,0310,0349
.....0395,0446,0448,0451,0463,0464,0468,0470	
.....0471,0473,0474,0475,0476,0477,0481,0487	
.....0496,0500,0502,0503,0513,0515,0520,0531	
.....0548,0549,0554,0561,0562,0566,0568,0569	
.....0571,0573,0574,0576,0577,0578,0579,0590	
.....0591,0594,0596,0600,0610,0612,0617,0624	
.....0627,0631,0632,0633,0634,0643	
Unic linie0497,0513
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Vibrant0609
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Videologic0599,0620
Videologique0299,0300
Videosat0477,0579
Videosystem0513
Videotechnic0299,0582,0600
Videoton0478,0587,0592
Vieta0343
Visiola0299
Vision0513,0582,0600
Vortec0513
Voxson0032,0155,0447,0482,0496
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Waltham0302,0478,0482,0486,0496,0500
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Wards0550
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Windstar0494,0510,0621
Windy sam0516
Xenius0506
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Xingmenban0758
Xinrisong0663,0711,0712,0755
Xinsida0777
Xrypton0624
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Yingge0670,0677,0678,0679,0694,0697
Yokan0513,0624

SETUP CODES FOR TV

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Yuhang0670,0679
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Zanussi0078,0600
Zenith0203,0237
Zenor0452,0556
Zhuhai0670,0679,0696
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SETUP CODES FOR TV

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Serino0286,0311,0456,0497,0560,0599,0613
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Shanghai0663,0665,0670,0671,0676,0677
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Shaofeng0654,0660,0661,0665,0669,0677
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Sherwood0670,0679
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Shov0033
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Silva schneider0513
Silver0160,0280,0446,0481,0501,0550
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Sky0280,0513
Skysonic0287
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Songbai0670,0679
Songdian0755
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Sonitron0452,0470,0556,0568
Sonneclair0513
Sonoko0503,0510,0513,0617,0621,0624
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Soundesign0550
Soundwave0496,0501,0513,0582,0612,0624
Spectra0503
Srypton0513
Ssangyong0503,0617
Standard0300,0503,0504,0513,0520,0582
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Starlite0503,0513,0596
Stenway0300,0510,0620,0621
Stern0078,0466,0482,0564,0581
Strato0503,0513,0624
Stylandia0600
Sumo0868
Sunkai0280,0300,0311,0313,0451,0453
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Sunstar0274,0503,0513,0523,0617,0624,0638

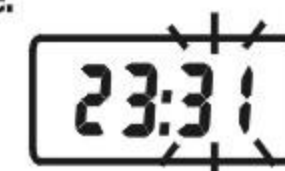
SETUP CODES FOR TV

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Supervision0395
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Susumu0304,0529,0532,0620
Sutron0503
Sva0517
Swissline0477
Sydney0299
Sysline0513,0624
Sytong0299,0599
T+a0538
Tactus0609
Tai wah0218,0219
Taishan0665,0670,0679,0681,0682,0683
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Tandy0300,0482,0492,0581,0600,0606
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Targa0446
Tashiko0299,0480,0482,0513,0546,0581
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Tatung0002,0004,0026,0028,0031,0131
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.....0902,0903	
Teac0281,0309,0311,0392,0484,0486,0497
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Tec0304,0312,0466,0477,0494,0503,0513
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Tech line0500,0513
Techica0300
Techimagen0395
Techline0307
Technema0582
Technics0491,0516,0637
Technisat0516
Technol ace0550
Technovision0263
Tecnimagen0516
Tedalex0486,0503
Tele+10248
Teleavia0186,0302,0608,0642,0643
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Telefunken0067,0075,0098,0132,0133,0134
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Telemeister0582,0624
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Telestar0513,0516,0624
Teletech0307,0477,0494,0500,0503,0513
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Televideon0299,0482,0582,0596,0599
Television0513
Televiso0308,0495
Tellevia0511,0530,0531,0534
Temco0451,0554
Tempest0503
Tennessee0513,0624
Tensai0013,0016,0033,0037,0039,0178
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Tenson0503,0582
Tevion0307,0500,0513,0518,0520,0521
Textet0503,0504,0599,0617,0618,0620
Thom0393
Thomson0065,0067,0075,0078,0098,0100
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Thorn0446,0463,0474,0480,0481,0489,0492
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.....0633,0646,0648,0652	
Thorn-ferguson0001,0135,0136,0137,0140
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Tiankeban0755
Tmk0549
Tobo0670,0679,0687,0707,0710,0731
.....0733,0755,0757	
Tokai0482,0492,0494,0500,0503,0504,0513
.....0520,0581,0610,0617,0624	
Tokaido0520
Tokyo0276,0299,0545
Tomashi0300,0510,0621

Six-in-one Universal Remote Controller with LCD Display

ENGLISH

4. Press the "←" or "→" on the menu to set the hour and minute.



5. Press the "OK" key, then press the "TEMP" key for once.



6. Press the "OK" for once to turn on the time clock, then press the "EXIT" key to return to the original state, the screen will display "🔔".
6. Press the "OK" to cancel the time clock, then press the "EXIT" key to return to the original state, the screen will not display "🔔".

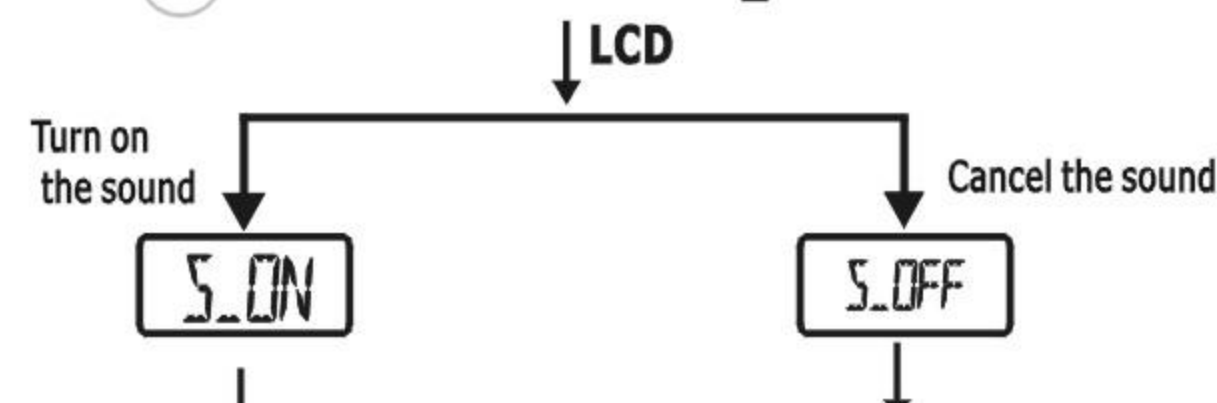
3. Key Sound On/Off Settings

1. Press the "SET" key for about 5 seconds, to enter the Settings mode.

2. Press the "←" or "→" on the menu, or select the mode on the LCD.



3. Press the "OK" key for once, then press the "TEMP" key on the menu



4. Press the "OK" to turn on the sound, press the "EXIT" key again to return to the original state.
4. Press the "OK" to cancel the sound, press the "EXIT" key to return to the original state.

4. Sound Sharing Function

After setting this function, you can take control of the sound volume on four kinds of home appliances (VCR, SAT, DVD and CD) by use of the volume control key on the TV

Note: A/C (air-conditioner) page has no function as such.

E.g.: to cite DVD as an example:

1. Press DVD key once to switch to DVD interface.



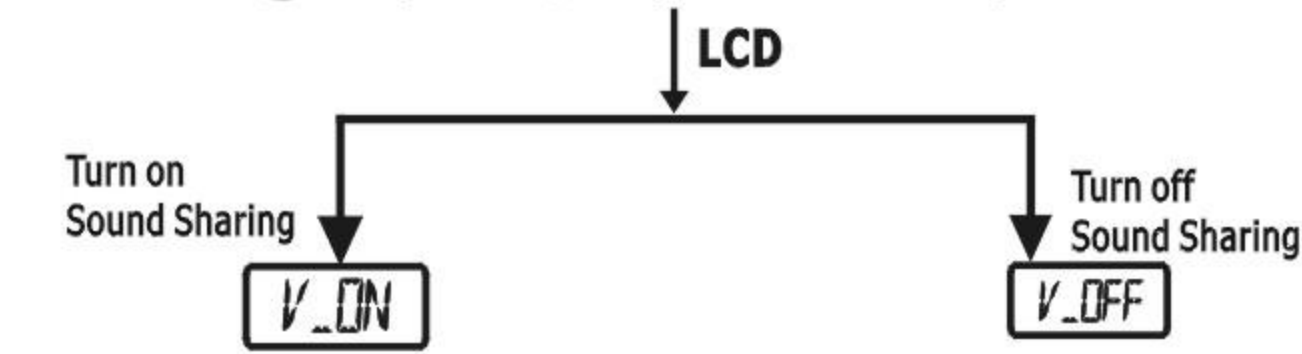
2. Press the "SET" key for about 5 seconds, to enter the Settings mode.



3. Press the "←" or "→" on the menu or select the mode on the LCD.



4. Press the "OK" key for once, then press the "TEMP" key on the menu.



5. Press the "OK" for once to turn on the Sound Sharing function, press the "EXIT" key for once to return to the original state.

5. Press the "OK" for once to turn off the Sound Sharing function, press the "EXIT" key for once to return to the original state.

Note: after turning on the Sound Sharing function, the sound keys on the Settings interface (VOL+, -, and mute) can all be controlled by the volume keys on that home appliance that is set at the last. When you have to use this function after reinstalling the batteries, you must redo the settings.

5. Backlight Control Function

Press the "SET" key to enter the backlight mode, then press the "SET" key to cancel the backlight mode.



6. Macro instruction Function

This remote controller has four Multi-function Keys: M1, M2, M3 and M4. Each multi-function key can store 15 key codes. This function allows you to integrate many continuous or routine key control motions into one. After finishing the settings, if you press your pre-set multi-function key, this remote controller will emit your pre-set key control codes in a due order, thus to make your operations much simpler.

Regular Information Sending Function: you can turn on your home appliance at a pre-set time, so as to avoid you from missing your favorite program.

Notes:

- The macroinstruction function shall be used when this remote controller can take control of home appliances.
- The Macroinstruction key is not affiliated to any home appliance. Therefore, when you press the Macroinstruction key of any home appliance (when the Macroinstruction function key works normally), the same instruction code will be sent out.
- When the Macroinstruction function key is set effective, the uppermost right side of the screen will display "M"; if the Timing function of the Macroinstruction key has been turned on (so long as one Macroinstruction key has been equipped with a timing function), the screen will display "TM". To view which Macroinstruction key has been equipped with the timing function, you can enter the "Mx ADD" menu. If any key has such setting, the screen will display "ON" beside it.
- When adding in a Macroinstruction, the added instruction is under the current code of the current home appliance. Once added successfully, the instruction will have nothing to do with the code set on the home appliance.

Notes:

- The LCD displays **CLR M1**, meaning Cancel the settings at the M1 key. Press the "OK" key to confirm, press the "EXIT" key to withdraw.
- The LCD displays **CLR M2**, meaning Cancel the settings at the M2 key. Press the "OK" key to confirm, press the "EXIT" key to withdraw.
- The LCD displays **CLR M3**, meaning Cancel the settings at the M3 key. Press the "OK" key to confirm, press the "EXIT" key to withdraw.
- The LCD displays **CLR M4**, meaning Cancel the settings at the M4 key. Press the "OK" key to confirm, press the "EXIT" key to withdraw.
- The LCD displays **M1 ADD**, meaning Adding in an instruction into the M1 key;
- The LCD displays **M2 ADD**, meaning Adding in an instruction into the M2 key;
- The LCD displays **M3 ADD**, meaning Adding in an instruction into the M3 key;
- The LCD displays **M4 ADD**, meaning Adding in an instruction into the M4 key;
- Press equipment key to delete the previous instruction; and press "SET" to exit adding instruction mode.

SETUP CODES FOR TV

Osio0280,0476,0513,0624
Oso0300,0620
Osume0300,0446,0492,0513,0606,0620
0624,0634
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OULIN0755
Pacific0516,0518,0520,0521
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Panavision0280,0513,0624
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0733,0743,0745,0755,0778,0779,0835,0857
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Pathe Cinema0299,0308,0482,0486,0489
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PDLYTRON0805,0806,0868
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Polestar0214
Policom0531,0534
Poppy0503
Portland0504,0618
Powerpoint0313,0505,0513
Prandoni-Prince0008,0032,0146,0481
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Praxis0217
precision0600
Prinston0520
Prinz0481,0484,0492,0594
Profekt0280
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Quastar0477,0503
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SETUP CODES FOR TV

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Radiomarelli0447,0513,0539,0579,0602,0624
RadioShack0513,0544,0624
Radiotone0274,0280,0309,0500,0503
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Rank Arena0446,0634
Rank0022
RBM0022,0094
RCA0204,0210,0211,0304,0315,0536
Reallistic0544
Recor0280,0513,0624
Rectiligne0513
Rediffusion0005,0041,0116,0314
0446,0468,0481,0485,0488
0586,0590,0595
Redstar0624
Reflex0500,0513,0520,0624
Reoc0518
Revox0280,0513,0624
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RIHONG0727
RISHENG0751
RIZHI0727,0751
R-Line0280,0513,0624
Roadstar0039,0280,0300,0379,0417,0496
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0620,0624
Robotron0447,0539
Rowa0525,0665,0667,0670,0677,0678,0679
0694,0697,0750,0781,0902,0921,0922
Royal Lux0309,0310,0470,0532
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Salsa0532
Sambers0000,0004,0008,0029,0030,0043
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0679,0687,0691,0693,0694,0697,0704,0705
0745,0767,0777
Sandra0299,0599,0600
SANJIAN0687,0707,0710,0733
SANKEN0869
SANLING0690,0698
Sansui0280,0513,0624
Santon0503
Sanyo0013,0031,0044,0074,0119,0120,0121
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0492,0502,0508,0556,0561,0568,0594,0599
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0662,0668,0669,0687,0689,0707,0710,0733
0759,0786,0787,0788,0856,0877
SANYUAN0657,0665,0670,0672,0677
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SBR0280,0513,0516,0546,0624
schaub lorenz0584,0590,0597
Schneider0004,0011,0015,0019,0025,0026
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0590,0594,0600,0620,0624,0628,0638,0650
Scotland0482,0581
sears0550
Seaway0506
Seelver0520

SETUP CODES FOR TV

Kontakt0313,0505
Korpel0280,0513,0624
Korting0037,0155,0157,0310,0447,0539
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Kosmos0280,0624
Kotron0309
Koyoda0503,0617
Kraking0489,0601
KTV0544,0600
KUAILE0670,0679,0687,0707,0710,0733
Kuba0484
KUNLUN0655,0665,0666,0675,0676,0679
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Kyoshu0309,0496
Kyoto0482,0581
L&S Electronic0518
LaSAT0472,0572
layco0554,0606,0624
Leader0503
Lecson0280,0287,0513
Lenco0033,0039,0183,0238,0239,0240,0280
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Lenoir0004,0503
Lesa0477
Leyco0274,0280,0451,0492,0513
LG0280,0299,0476,0477,0482,0486,0501
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.....0752,0794,0913,0914,0915
Liesen & Tter0280,0513,0624
Lifetec0280,0300,0307,0500,0503,0504
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LIHUA0665
Line0617
Lloyd's0503
LME0486
Loewe Opta0052,0081,0155,0156,0189
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Logik0028,0502,0523,0631
Logix0307,0500
LONGLIANG0665,0687,0707,0710,0733
Luma0032,0082,0280,0466,0564,0591
Lumatron0280,0466,0482,0513,0600
Lux May0280,0503,0513
Luxor0005,0045,0047,0055,0068,0083,0084
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Magnavox0280,0446,0502,0550,0634
Magnum0501,0513,0518,0624
Manesth0276,0280,0450,0451,0513,0545
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Manhattan0280,0307,0500,0513,0520
MANTIAXING0768
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Marelli0447,0539
Mark0280,0299,0331,0395,0423,0501,0503
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Masuda0300,0503
Matsui0004,0006,0028,0041,0088,0182,0274
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Matsushita0637
Maximal0058
McMichael0546
Mediator0280,0513,0624
Medio0395
Medion0280,0307,0500,0513,0515,0516
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Medison0280
Megas0286,0456,0560
MEI0520
MEILE0663,0665,0677,0678,0687,0694
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Melectronic0255,0280,0299
Melvox0308,0495,0611
Memorex0503,0520,0617
Memphis0494,0610
MENGMEI0677,0678,0694,0697
Mercury0280,0503,0513
Metronic0536
Metz0018,0053,0089,0090,0091,0155,0180
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MGA0544
Micromaxx0280,0307,0500,0513,0520
Minato0513

SETUP CODES FOR TV

Minerva0010,0018,0045,0051,0053,0313
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Minoka0280,0309,0480,0513,0589
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.....0616,0624,0627,0634,0665,0705
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Miver0357,0370
Monaco0503,0617
Morgans0280,0513
motion0576
motorola0630
MTC0299,0470,0484,0515,0568,0585,0627
MTEC0609
MTlogic0518
MUDAN0655,0656,0665,0670,0674,0675
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Multistandard0493
Multisystem0159
Multitec0472,0500,0513,0520,0576,0598
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Multitech0096,0170,0172,0280,0299,0307
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Murphy0041,0299,0482,0581,0599,0606
Musikland0300,0477
Myryad0516,0628
N.E.I.0166,0280
NAD0481
Naiko0280,0498,0513,0571,0614
Nakamura0280,0618,0624
NANBAO0663,0670,0679,0687,0707,0710
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NANSHENG0665,0687,0707,0710,0733
NAT0509
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NEI0393,0486,0494,0513,0523,0592,0610
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Nesco0477,0550,0579
Netsat0280,0513
Network0494,0610
Neufunk0280,0286,0456,0503,0513,0516
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New Tech0280,0306,0503,0513,0516,0600
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New World0300
nicam0594
Nicamagic0299
Nikkai0276,0280,0299,0300,0446,0492,0494
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NOKIA0289,0314,0349,0350,0359,0361
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Okana0568,0617,0624
Okano0280,0379,0393,0470,0503,0513
Onceas0004
Onimax0518
Onwa0300,0422,0493,0523,0607,0620,0638
Opera0280,0513
Optimus0637
Orbit0280,0513
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Online0280,0300,0513,0620,0624
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Orsowe0602
Osaki0280,0300,0309,0453,0492,0504,0513
.....0516,0600,0606,0609,0618,0620,0624

Six-in-one Universal Remote Controller with LCD Display

ENGLISH

- **MI XX** "XX" means the number of instructions in the M1 Macroinstruction Key; up to 15 instructions can be stored.
- **MI TM** can display the time of regular code sending by this Macroinstruction key at the time display area; and the hour digit will blink, waiting for the user to adjust the time of regular code sending.
- **MI XS** "X" means the time interval (X seconds) between this instruction and the next instruction, when being sent.

A. Macro Settings

Example 1. Operating steps: switch on the power to the TV set → shift between TV/VCR → switch on the power to VCR → start playing, use a multi-function key "MI" to take control.

Do the settings as follows:

1. Press key TV once to switch to "TV" interface. **LCD:**
2. Press the "SET" key for about 5 seconds, enter the sub-menu state, then press the "▶" key or "◀" to set the menu at "MACRO", press the "OK" key. **LCD:**
3. Click the "TEMP" key on the menu. **LCD:**
4. Press the "OK" key again. The LCD displays **MI 00**.
(If the display is not M1-00, press equipment key to adjust).
5. Press the "ON-OFF" key for a while, until the LCD displays **MI 25**, then loosen the key, the LCD displays **MI 01**.
6. Press the "TV/AV" key for a while, until the LCD displays **MI 25**, then loosen the key, the LCD displays **MI 02**.
7. Press the "SET" key for once, the LCD displays **MI TM**.
8. Press key "EXIT" twice to return to interface TV. Press key VCR once to select VCR interface; **LCD:**
9. Press the "SET" key for about 5 seconds, to enter the Settings mode.
10. Press the "▶" or "◀" on the menu, or choose on the LCD, the LCD displays **MACRO**.
11. Press the "OK" key, then press the "TEMP" key on the menu: **MI ADD**.
12. Press the "OK" key again, the LCD shows **MI 02**.
13. Press the "ON-OFF" key for a while, until the LCD displays **MI 25**; then loosen the key, the LCD displays **MI 03**.
14. Press the "▶" key (Play) for a while, until the LCD displays **MI 25**, then loosen the key, the LCD displays **MI 04**.

SETUP CODES FOR TV

.....	0477,0483,0539,0576,0584,0596
Crown	0274,0280,0310,0313,0352,0372
.....	0423,0452,0470,0472,0480,0496,0498,0501
.....	0503,0505,0513,0518,0556,0568,0569,0572
.....	0576,0589,0612,0617,0624
Crystal	0486,0592
CS Electronics	0299,0300,0477,0579
.....	0599,0620
CTC Clatronic	0096,0477,0579
Curtis mathes	0630
Cybertron	0300,0620
Daewoo	0168,0209,0280,0299,0300,0341
.....	0342,0378,0380,0393,0395,0503,0504,0506
.....	0507,0513,0516,0521,0600,0617,0618,0620
.....	0624,0626
Dainichi	0299,0300,0599,0620
Dansai	0276,0280,0299,0446,0503,0513
.....	0545,0599,0624,0634
Dansette	0309
Dantax	0501,0518,0572
Dawa	0280,0513
Dayton	0503,0617
Daytron	0280,0503,0504,0513,0618
DAYU	0666,0685,0696
De Graaf	0488,0595
Decca.....	0002,0004,0026,0028,0031
.....	0258,0280,0492,0513,0598
.....	0600,0602,0606,0609,0624
Deccacolor	0394,0402,0403
Deitron	0280
Denver	0513,0624
Desmet	0280,0447,0503,0513,0617,0624
DETRON	0866
Diamant	0280,0513,0624
Diamond	0280
Digatron	0513
Digiline	0280,0464,0500
DIGITEC	0801,0804,0868
Dixi	0280,0447,0503,0513,0617,0624
Domeos	0500
DONGDA	0670,0679
DONGHAI	0670,0679
DONGLIN	0731
Drean	0280
DSE(Digital)	0026,0027,0033
DTS	0503
Dual	0255,0258,0280,0306,0395,0440
.....	0466,0513,0521,0535,0564,0583,0594,0596
.....	0600,0650
Dual-Tec	0004,0011,0019,0600
Dumont	0155,0447,0483,0493,0578,0584
.....	0607
DUONGJIE	0727,0751,0755
Dux	0280,0513
D-Vision	0513,0516
Dynatron	0280,0513
Edison-Mnierva	0505
Elbe	0001,0171,0280,0286,0300,0456,0466
.....	0467,0489,0564,0565,0600,0601,0602
.....	0510
Elekta	0280,0513
ELG	0280,0513
Elin	0280,0299,0314,0463,0481,0484,0488
.....	0503,0513,0561,0585,0590,0595,0617,0624
Elite	0108,0280,0300,0582,0620
Elman	0019,0029,0493,0607
Elta	0299,0486,0503,0592,0617
Emco	0477,0579
Emerson	0146,0155,0280,0447,0448,0470
.....	0472,0477,0481,0507,0510,0513,0518
.....	0523,0539,0550,0579,0590,0621,0624,0638
Emperor	0510,0621
envision	0544
Erres	0280,0513,0624
ESC	0280,0513
Etron	0280,0482,0503
Euroman	0280,0299,0310,0470,0513
Euromann	0569,0624
Europa	0280,0513,0624
Europhon	0000,0004,0019,0029,0030,0146
.....	0280,0486,0493,0600,0602,0607
Expert	0308,0466,0482,0495
Exquisit	0280,0477,0513,0624
Fagor Life	0280
FEILANG	0670,0679
FEILU	0665,0670,0679
FEIYAN	0687,0707,0710,0733
FEIYUE	0665,0670,0677,0678,0679,0694
.....	0697
Fenmenti	0447,0483,0513
Fenner	0033,0193,0240,0379,0390,0503
.....	0504,0617,0618
Ferguson	0302,0304,0315,0429,0430,0431
.....	0432,0443,0463,0481,0488,0489,0508,0516
.....	0528,0529,0532,0533,0536,0601,0605
.....	0624,0641,0646,0648,0652
Fidelity.....	0003,0034,0229,0280,0299
.....	0481,0482,0513,0515,0523,0581
.....	0586,0590,0594,0599,0627,0638
Filmnet	0202,0248
Filsai	0600
Finlandia	0314,0468,0480,0482,0488,0492
.....	0566,0581,0589,0595,0606
Finlux	0007,0008,0013,0025,0026,0029
.....	0035,0094,0161,0221,0280,0351,0447,0463

SETUP CODES FOR TV

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.....	0501,0518,0550,0561,0562,0566,0578,0584
.....	0596,0600,0602,0606,0607,0624
First line	0280,0299,0307,0327,0395,0450
.....	0451,0477,0481,0484,0489,0492
.....	0500,0503,0504,0513,0518,0520
.....	0555,0579,0594,0596,0599,0600
.....	0601,0606,0617,0618,0624
Fisher	0025,0036,0155,0167,0170,0255,0327
.....	0447,0463,0470,0492,0539,0561,0568,0594
.....	0596,0600,0606,0634,0635
Flint	0280,0300,0311,0456,0492,0497,0513
.....	0560,0606,0613,0620,0624
FNR	0607
Formenti	0539,0582,0584,0596,0599,0624
Formenti-Phoenix	0003,0008,0025,0037
.....	0038,0159,0299
Fortress	0447
Fraba	0280,0395,0470,0513,0568,0624
France Telecom	0266
Friac	0280,0310,0456,0470,0493,0503,0513
.....	0568,0607,0617,0626
Frontech	0477,0482,0486,0503,0579,0581
.....	0592,0600,0617
Fujitsu General	0466,0492,0503,0600
.....	0606,0607,0702
FULI	0701
Funai	0423,0451,0500,0550,0554
Funai	0016,0160
Galaxis	0280,0470,0513,0568,0607,0624
GANGTAL	0751
GANXIN	0665,0671,0677,0678,0694,0697
GBC.....	0002,0004,0019,0025,0026,0031,0033
.....	0039,0040,0041,0042,0300,0503,0504
.....	0596,0617,0618,0620
GE	0304,0510,0536
Geant Casino	0308,0495
GEC.....	0280,0481,0482,0492,0513,0546
.....	0581,0590,0600,0602,0606,0624
Geloso	0004,0019,0025,0032,0033,0039
.....	0149,0150,0483,0503,0504,0584
.....	0596,0617,0618
General	0302,0312
General Technic	0503,0617
Genesis	0503
Genexxa	0280,0300,0309,0482,0503,0513
.....	0581,0617,0620
Gibraltar	0544
Goldfunk	0500
Goldhand	0299
Goldline	0610
GoldStar	0003,0004,0043,0080,0153,0172
.....	0252,0269,0270,0280,0299,0333,0393
.....	0395,0399,0400,0476,0477,0481,0482
.....	0486,0498,0501,0513,0518,0528,0544
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.....	0641,0663,0673,0677,0678,0694,0697
.....	0752,0794,0409,0410,0414
Gooding	0505,0619
Goodmans	0119,0276,0280,0304,0306
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.....	0422,0429,0446,0450,0471,0492,0500,0503
.....	0504,0505,0506,0507,0513,0516,0518,0520
.....	0523,0532,0533,0543,0545,0550,0552,0571
.....	0600,0602,0606,0617,0618,0619,0620,0624
.....	0626,0634,0638,0646,0648
Gorenje	0170,0173,0310,0470,0568,0569
GPM	0280,0620
Gradiente	0280,0548,0603
Graetz	0280,0452,0481,0482,0483,0505
.....	0523,0581,0584,0590,0597
Granada	0002,0004,0027,0041,0044
.....	0045,0046,0047,0048,0049,0280
.....	0304,0308,0452,0478,0480,0482
.....	0485,0487,0488,0495,0508,0509
.....	0513,0533,0556,0586,0587,0589,0593
.....	0598,0600,0602,0606,0616,0624,0636
Grandin	0274,0280,0286,0288,0300,0308
.....	0311,0456,0482,0497,0500,0501,0503,0504
.....	0510,0513,0518,0520,0560,0581,0582,0613
.....	0617,0618,0621,0624
Great Wall	0253
Grundig	0003,0010,0018,0020,0045,0050
.....	0051,0053,0054,0056,0094,0280,0313,0351
.....	0354,0355,0358,0360,0391,0446,0465,0474
.....	0475,0503,0505,0513,0516,0517,0563
.....	0574,0576,0617,0619,0624,0628,0629
Grunpy	0550
H-her	0518
Haier	0525,0757,0759,0766,0772,0773
.....	0829,0832,0839,0840,0841,0842,0855
.....	0859,0860,0872,0926
HAIHONG	0670,0679,0680,0681,0682
.....	0683,0684,0731,0757,0922
HAILE	0686,0701
HAIYAN	0665,0677,0678,0687,0694
.....	0697,0707,0710,0733
Halifax	0299,0600
Hampton	0299,0599,0600
Hanimex	0451,0554
Hanseatic	0025,0027,0037,0044,0052
.....	0055,0258,0280,0447,0451,0481,0486
.....	0503,0506,0510,0513,0516,0518,0570
.....	0582,0590,0592,0594,0600,0617

Six-in-one Universal Remote Controller with LCD Display

ENGLISH

4. Press the "OK" key again, the LCD displays **M1 00**
(If the display is not M1-00, press equipment key to adjust).
5. Press the "ON-OFF" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 01**
6. Press the "1-/-" key for a while, until the LCD displays **M1 25**; then loosen the key, the LCD displays **M1 02**
7. Press the "1" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 03**
8. Press the "3" key for a while, until the LCD displays **M1 25**, then loosen the key, the LCD displays **M1 04**
9. Press the "SET" key for once, the LCD displays **M1 TM**
10. Press the "TEMP" or "TEMP" on the menu to set the time clock; **19:00**
11. Press the "←" or "→" on the menu to set the hour and minute. **19:30**
12. Press the "OK" key for once, to complete the settings. LCD: **M1 00**
13. Press the "EXIT" key to return to the TV page. LCD: **TV T**
14. Aim the transmitting end of the remote controller at the receiving end of the TV set. When it is **19:30**, the remote controller will turn on the TV, and play the program on **Channel 13**.

7. Set/Cancel Key Transfer

Transfer the function key of a home appliance to the function key of another appliance.

Notes:

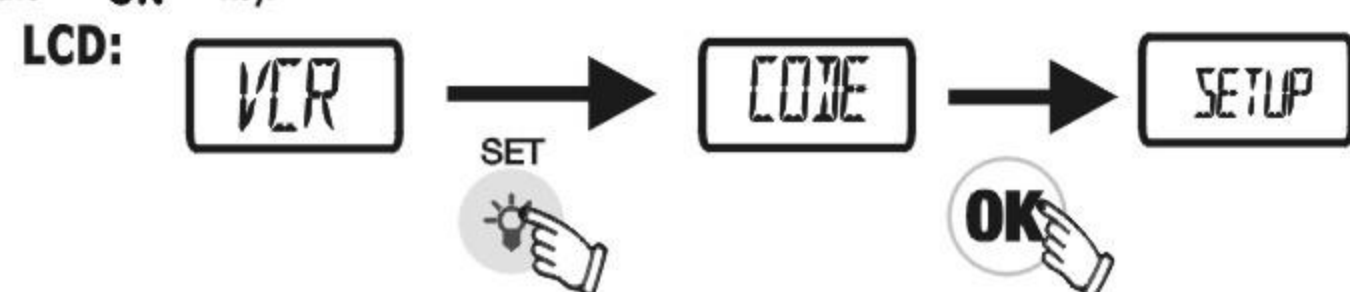
1. The key transfer code and learning code are both X999. therefore, after starting the key transfer function, you may have to set a code before using the key transfer function. The TV code is pre-set to be 0999; the VCR code is pre-set to be 1999; and the SAT code is pre-set to be 2999; and the DVD code is pre-set to be 3999; and the CD code is pre-set to be 4999.
2. When doing the key transfer, be sure to use a code that is not X999.
3. When doing the key transfer, the user will be reminded to choose a home appliance. But remember that the code to be transferred shall be the currently set code for the home appliance in concern. If the current code is X999, you cannot realize the key transfer.
4. No key transfer function is offered for the air-conditioner.

E.g.: to transfer the information on the "6" key of SAT onto the "7" key of VCR, then cancel such a transfer.

1. Press key VCR once to switch to VCR interface.



2. Press the "SET" key for about 5 seconds, to enter the sub-menu "CODE" state, then press the "OK" key.



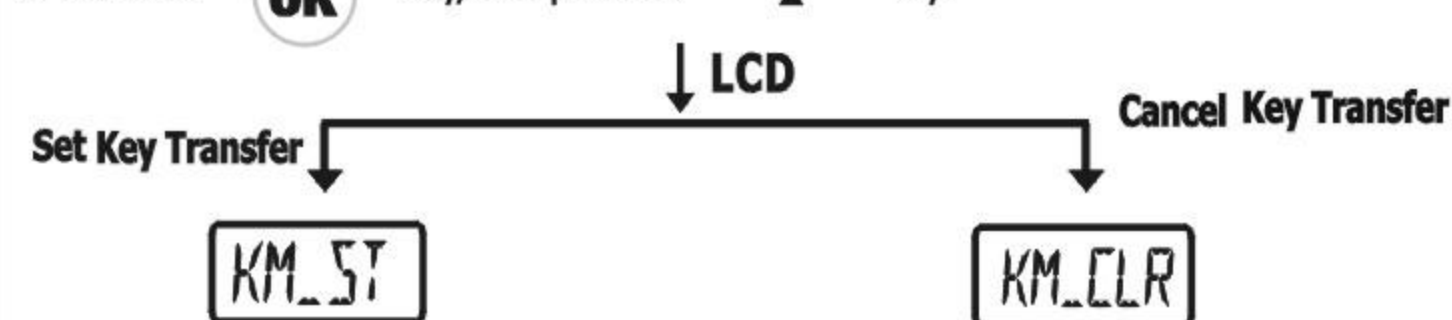
3. Enter a four-digit code 1999. If you enter a correct code, you will hear a beep, and the system will return to the "CODE" sub-menu.



4. Press the "▶◀" or "◀▶" on the menu, or select the mode on the LCD.



5. Press the "OK" key, then press the "TEMP" key.



6. Press the "OK" key for once, the LCD displays



6. Press the "OK" key for once, the LCD displays



7. Press the "TEMP" key on the menu, the LCD displays



7. Press the key whose information has been transferred, the LCD displays



8. Press the "OK" key, the LCD displays



Press the function key 6, the LCD displays TO KEY, then press the function key 7. Repeat this step to transfer the target key.

Repeat this step to cancel the transferred key information. Example: Function key 7

8. Press the "SET" key, the LCD displays




9. Press the "SET" key, the LCD displays



then press the "EXIT" key to withdraw, and return to the VCR page.

9. Then press the "EXIT" key again, to withdraw and return to the normal state.

8. Reminder of low power

When the battery is going out of power, the screen of any interface of this remote controller will show a  mark, reminding you of the lower power in batteries.

SETUP CODES FOR TV

A.R.Systems	.....0280,0497,0504,0628,0650
ACE	.....0282
Acura	.....0503,0617
Admira	.....0032,0155,0447,0482,0539,0581
Adyson	.....0299,0599,0600
Agashi	.....0299
AGB	.....0602
Agef	.....0447,0539
Aiko	.....0276,0280,0299,0503,0600
Aim	.....0280,0513
Alwa	.....0261,0322,0365,0490
Akai	.....0005,0159,0169,0276,0280,0299,0300
.....	.....0314,0327,0349,0393,0421,0422,0471
.....	.....0481,0482,0485,0487,0488,0492,0498
.....	.....0501,0503,0513,0516,0518,0523,0545
.....	.....0563,0571,0575,0581,0586,0590,0595
.....	.....0596,0602,0606,0624,0628,0638
Akib	.....0554
Akiba	.....0280,0300,0311,0451,0497,0510,0513
.....	.....0554,0613,0620,0621,0624
Akito	.....0280,0513,0609
Akura	.....0280,0300,0307,0309,0480,0500,0503
.....	.....0510,0513,0518,0589,0617,0620,0621,0624
Alaron	.....0299,0550
Alba	.....0274,0299,0300,0307,0313,0389,0422
.....	.....0446,0450,0453,0477,0482,0486,0496
.....	.....0500,0503,0505,0513,0518,0520,0523
.....	.....0552,0579,0581,0592,0599,0612,0617
.....	.....0619,0620,0624,0634,0638
Albiral	.....0001
Allorgan	.....0451,0554,0600
Allstar	.....0280
Allstar	.....0513,0624
ALWA0663,0711,0712
Ambassador0549
Amplivision0308,0470,0495,0568,0582
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Amstrad0006,0280,0300,0309,0448,0503
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Anam National0280,0503,0637
Anglo0503
ANHUA0655,0671,0686,0701
Anitech0280,0503,0510,0513,0617,0621,0624
Ansonic0280,0463,0467,0470,0500,0503
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AOLINPIYA0687,0707,0710,0733
AOLINPU0758
Apollo0487
Arc En Ciel0511,0528,0531,0534,0608
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Arcam0599,0600
Ardem0513,0518
Aristona0280,0513,0516,0624,0628
Arthur Martin0308,0482,0495
ASA	.....0007,0009,0013,0032,0094,0155,0161
.....	.....0447,0463,0539,0561,0578
Asberg	.....0280,0493,0513,0576,0607
Asora	.....0503,0617
Asuka	.....0300,0600,0620
Atlantic	.....0280,0299,0466,0513,0582
Atori	.....0503
Auchan	.....0308,0482,0495
Audiosonic	.....0160,0280,0300,0389,0470,0472
.....	.....0494,0501,0503,0504,0513,0518
.....	.....0528,0568,0570,0572,0600,0610
.....	.....0617,0620,0624,0641
Audioton	.....0470,0472
Ausind	.....0008
Autovox	.....0004,0007,0012,0014,0015,0078
.....	.....0079,0104,0153,0447,0477,0539,0576,0578
.....	.....0579,0583,0594,0600
AWA	.....0026,0027,0033,0159,0160,0189,0220
.....	.....0275,0277,0278,0283,0299,0309,0446
.....	.....0498,0502,0503,0508
Axxent	.....0503
BAIHEHUA0677,0678,0694,0697
BAIHUA0670,0679,0687,0707,0710,0733
BAILE0666,0670,0673,0679,0680,0681
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Baird0162,0306,0492,0597
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Bang & Olufsen0447,0539,0541
BAOHUASHI0687,0707,0710,0733
BAOSHENG0665,0670,0679
Barco0596
Basic Line0452,0497,0500,0503,0504,0510
.....0513,0516,0520,0600,0613,0617
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Baur0280,0474,0475,0481,0484,0513,0515
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Bazin0600
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.....0572,0624
BENQ0948
Beon0496,0513,0612,0624,0280
Berthen0500
BEST0280,0494,0568,0569,0610

SETUP CODES FOR TV

Bestar0280,0395,0470,0504,0513,0568
.....0618,0624
Bestar-Daewoo0504
Binatone0600
Black Diamond0520
Black Panther0493
Black Star0477
Blacktron0510
Blackway0510
Blaupunkt0017,0018,0020,0054,0101,0231
.....0232,0233,0234,0236,0241,0354,0356,0446
.....0465,0474,0475,0497,0563,0574
Blue Sky0280,0288,0300,0307,0311,0313,
.....0497,0500,0501,0505,0510,0513
.....0516,0518,0520,0613,0620,0621,0624
Blue Star0510,0621
Bondstec0477,0579
Boots0503,0600,0609
BPL0026,0160,0162,0163,0280,0510,0513
.....0621,0624
Brandt0302,0304,0315,0395,0511,0528
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Brinkmann0280,0472,0496,0500,0513,0612
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Brionvega0104,0155,0164,0165,0200,0201
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Britannia0299,0599,0600
Bruns0158,0447,0539
BSR0016,0019,0021,0451,0482,0554,0596
BTC0300,0620
Bush0022,0280,0300,0307,0313,0381
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Carena0280,0311,0497,0513,0613,0624
Carnivale0544
Carrefour0446,0624,0634
Cascade0280,0503,0513,0617,0624
Casio0280,0513
Catha0280
Cathay0513,0624
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Centrum0520
Centurion0280,0513,0624
Century0145,0146,0155,0447,0477,0489
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Cosmel0494,0503,0513,0610,0624
Crosley0024,0025,0145,0155,0231,0447