

Using TVR010A as a general purpose universal remote.

As can be seen below, the only universal code documentation we have been able to receive from China for the TVR010A remote is as poor quality scans. We apologise for the quality, but they are still readable at a high zoom within the PDF reader.

For PICAXE use:

Always use mode B (press B before using the keys).

To setup the control after replacing the batteries press

S+B then 0 then 1 then 3 then the red power button

This puts the remote in 'Sony TV' mode for use with the PICAXE system.

For general purpose use:

The mode buttons at the top of the remote are allocated as follows:

A	Sat	
B	TV	(this is the mode to use with PICAXE)
C	Cable	
D	VCD	
E	DVD	
F	VCR	
G	AUX	

Arrow Buttons:

Up	Channel +
Down	Channel -
Right	Vol +
Left	Vol -

Next row of 4 buttons:

	Guide
^	Disp
+	TV/AV
x	Mute

Unused 6 buttons at the bottom of the remote:

Square	Fast Rewind	<<
Triangle	Play	>
Circle	Fast Forward	>>
L	Record	
X	Stop	
Reverse F	Pause	

PREPROGRAMMED UNIVERSAL REMOTE CONTROL

1. HOW TO SET UP THE UNIT. (PROCEDURE 1)

LOCATE THE CORRECT CODE OF THE DEVICE'S BRAND/MODEL FROM ATTACHED CODE LIST.

KEY IN THE CODE TO FUNCTION THE UNIT AS FOLLOW: -

TVTXT1, TVTXT2, TVTXT3, VCR1, VCR2, SAT/CBL
CBL/SAT, CD,LD/VCD/DVD,AIR-CONDITIONER

STEP 1) HOLD **SET** THEN PRESS ANY KEY OF THE

SIMULTANEOUSLY UNTIL THE LED IS ON, THEN RELEASE BOTH THE KEYS.

2) ENTER **CODE**
(3 DIGITS)

3) PRESS **POWER**

* * AFTER COMPLETION OF THE SETTING. IF ACCURATE, ALL THE DEVICES AND FUNCTIONS CAN BE CONTROLLED. OTHERWISE, THE CODE MAY NOT BE CORRECT FOR YOUR DEVICE. PLEASE REPEAT THE SAME PROCESS FROM STEPS 1) TO 3) BY ENTERING OTHER CODES UNTIL GETTING THE CORRECT ONE FOR YOUR DEVICE.

NOTE: A) DO NOT EXCEED 10 SECONDS BETWEEN EACH STEPS.

B) THERE MIGHT BE OTHER CODES THAN THE CORRECT CODE. WHICH CAN ALSO CONTROL SOME, BUT NOT ALL FUNCTIONS. SUGGEST ALWAYS TO LOCATE THE VERY EXACT CODE.

STEP 4) PRESS ANY DEVICE KEY TO QUIT THE SETTING.

2. HOW TO WORK WITH "QUICK SEARCH". (PROCEDURE 2)

IN CASE THE CODE COULD NOT BE LOCATED FORM THE CODE LIST. PLEASE TRY THE QUICK SEARCH:

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STEP 1) TURN ON **POWER SWITCH** OF THE CONTROLLED DEVICE.

STEP 2) HOLD **SET** AND PRESS THE DEVICE KEY OF THE TVTXT1, TVTXT2, TVTXT3, VCR1, VCR2, SAT/CBL, CBL/SAT, CD,LD/VCD/DVD,AIR-CONDITIONER WHICH YOU WANT TO CONTROL SIMULTANEOUSLY UNTIL THE LED IS ON, THEN RELEASE BOTH THE KEYS.

STEP 3) PRESS **SET** AGAIN AND RELEASE, THE "QUICK SEARCH" MODE IS ON WITH THE LED BLINKING.

STEP 4) CONTINUE PRESSING **POWER** (254 TIMES MAX.) TO TURN OFF THE DEVICE TO CHECK IF THE ON/OFF SWITCH OF CONTROLLED DEVICE WAS ACTION.

STEP 5) AFTER COMPLETION OF THE QUICK SEARCH, IF ACCURATE, ALL THE DEVICES AND FUNCTIONS CAN BE CONTROLLED (CHECK FUNCTION KEYS EXCEPT "SET", "PLAY" FOR VCR & CD,LD/VCD/DVD AND DEVICE KEYS). OTHERWISE, THE CODE MAY NOT BE THE VERY CORRECT ONE FOR YOUR DEVICE. PLEASE REPEAT STEP 4). IF STILL AT SEARCH MODE - UNTIL GETTING THE CORRECT CODE.

IF SOME DEVICES ARE NOT VERY SENSITIVE TO THE POWER SIGNAL, YOU CAN USE TOGGLE SWITCH BY PRESSING "SET" KEY TO CHANGE THE SEARCHING DIRECTION AND QUICKLY FIND OUT THE CORRECT CODE. THE SEARCHING DIRECTION IS SET AS FORWARD DIRECTION PRIOR YOU CAN CHANGE IT BY PRESSING THE "SET" KEY.

NOTE: 1) DO NOT EXCEED 30 SECONDS BETWEEN NEXT PRESSING OF THE KEY
NOTE: 2) WHEN QUICK SEARCH MODE IS ON, THE EXACT DEVICE CAN BE SEARCHED BY PRESSING THE CONTRAST DEVICE KEYS. FOR EXAMPLES: - (PLEASE SEE THE TABLE 1)

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TABLE 1: DEVICE CODES ON SETUP MODE OR QUICK SEARCH MODE ARE SHOWN BELOW:

DEVICE NAME	FOR DEVICE (® Search Mode)	TOTAL CODES	DEVICE CODE	CODES RANGE ON SETUP MODE	CODES RANGE ON QUICK SEARCH MODE
TV	TV/CTV/TXT	254	000-254	000-254	000-254
VCR	VCR	156	000-155	000-155	000-155
SAT/CBL	Satellite /Cable	189	000-188	000-188	000-188
AUX	CD,LD/VCD/DVD/AIR-CONDITIONER	141	000-141	000-141	000-141

3. HOW TO SWITCH OVER TO DIFFERENT DEVICE. (PROCEDURE 3)

STEP 1) PRESS ANY KEY OF THE TVTXT1, TVTXT2, TVTXT3, VCR1, VCR2, SAT/CBL, CBL/SAT, CD,LD/VCD/DVD,AIR-CONDITIONER TO QUIT THE FIRST DEVICE MODE.

STEP 2) GO TO PROCEDURES "1" OR "2" FOR THE SETTING OF OTHER DEVICES. IN SEQUENCE OF TVTXT1, TVTXT2, TVTXT3, VCR1, VCR2, SAT/CBL, CBL/SAT, CD,LD/VCD/DVD,AIR-CONDITIONER. THEN THE DEVICES CAN BE SHIFTED BY PRESSING THE SET KEYS.

4. HOW TO GET THE CODE DISPLAY (3 DIGITS) (PROCEDURE 4)

STEP 1) HOLD **SET** THEN PRESS **1** SIMULTANEOUSLY, AND RELEASE. THE COUNT OF BLINKING REPRESENTS THE NUMERAL OF THE 1ST DIGIT.

3

STEP 2) HOLD [SET] THEN PRESS [2] SIMULTANEOUSLY, AND RELEASE, THE COUNT OF BLINKING REPRESENTS THE NUMERAL OF THE 2ND DIGIT.
 STEP 3) HOLD [SET] THEN PRESS [3] SIMULTANEOUSLY, AND RELEASE, THE COUNT OF BLINKING REPRESENTS THE NUMERAL OF THE 3RD DIGIT.
 ** PLEASE WRITE DOWN THE CODE (3 DIGITS) FOR FUTURE REFERENCE.

INITIAL STATUS OF THE DEVICE CODES

DEVICE	INIT. CODE	BRAND
TV1XT1	082	Philips RC5
TV1XT2	013	Sony
TV1XT3	016	Panasonic
VCR1	144	Philips RC5
VCR2	001	Sony
SAT/CBL	039	Philips RC5
CBL/SAT	155	GM1-909
AUX=CD/DVD/VCD/DVD/AIR-CONDITIONER	069	Philips RC5

** Initial Device: TV1XT1

5. POWER SOURCE: 2XR03*AAA* SIZE

6. THE STATUS OF POR (POWER ON RESET):

WARM UP: LED FLASHES 2 TIMES (THE DEVICE CODE IS THE PRIOR SETTING CODE).
 COOL UP: LED FLASHES 3 TIMES (THE DEVICE CODE IS AT INITIAL STATUS).

CONTROL REMOTO UNIVERSAL PROGRAMADO

1. COMO PROGRAMAR LA UNIDAD. (Procedimiento 1)

(SET+TV)+CODIGO = LISTO

Localice el código correcto del aparato. Marca / Modelo de la lista de códigos que viene adjunta. Si es más de un código, debe tenerlos a la vista ya que los necesitará al momento de la programación.

Una vez que tenga el o los códigos, encienda su aparato y siga las siguientes instrucciones:

Paso 1) Sostener el tecla [SET] luego presione cualquier tecla de:

TV, VCR, CABLE, SAT, VCD, DVD, AUX, TV2, VCR2, TV1, VCR1, SAT, OSS

Hasta que encienda la luz, soltar los dos botones. Intente programar el equipo en el tecla que corresponda aunque puede programar por ejemplo: DVD en AUX.

Paso 2) Marque:

CODIGO 3 digitos

Paso 3) Oprima [Power]

Después de completar estos pasos y si todas las claves están correctas, todas las funciones podrán ser utilizadas debidamente. Si alguna clave ha sido ingresada de manera incorrecta, el control no funcionará adecuadamente. En ese caso hay que repetir los procedimientos del paso 1) al paso 3) y marcar otros códigos hasta encontrar el código correcto para su aparato.

NOTA: A) No exceder más de 10 segundos entre cada paso.

B) Puede haber más de un código para una función, pero no controlará todas las funciones correctamente. Siempre trate de usar el código correcto para mejores resultados.

Paso 4) Oprima cualquier tecla para salir del modo de programación.

Paso 2) Presione [SET] y luego presione [2] y suelte. El parpadeo representa cual es el primer segundo de los dígitos.

Paso 3) Presione [SET] y luego presione [3] y suelte. El parpadeo representa cual es el tercer número de los dígitos.

* NO OLVIDE ANOTAR SU CODIGO COMO FUTURA REFERENCIA.
 CODIGO INICIAL PARA APARATOS.

APARATO	CODIGO	MARCA
TV1XT1	082	PHILIPS RC5
TV1XT2	013	SPMU
TV1XT3	016	PANASONIC
VCR1	144	PHILIPS RC5
VCR2	001	SONY
SAT/CBL	039	PHILIPS RC5
CBL/SAT	155	GM1-909
AUX=CD/DVD/VCD/DVD/AIRE-CONDICIONADO	069	PHILIPS RC5

5. FUENTE DE PODER: 2XR03TAMANO*AAA*

6. ESTADO DE PODER:

Si la luz parpadea 2 veces (el código del equipo es el previamente usado)
 Si la luz parpadea 3 veces (el código del equipo está en estado inicial)

IMPORTANTE: USTED DEBE ANOTAR LOS CODIGOS CORRESPONDIENTES A CADA APARATO YA QUE CUANDO LAS BATERIAS EXPIREN, SOLO TIENE 5 MINUTOS PARA NO PERDER LA MEMORIA DE LOS CODIGOS. DE LO CONTRARIO, AL CAMBIAR LAS PILAR DEBERA REPROGRAMAR EL CONTROL.

CODE LIST

Brand/Device	TV	VCR	CABLE/SAT	CD	AUX LD/VCD/DVD	AIR CONDITIONER
ABC				006,017,018,019,020,022,040,049,130,160		
Acia					044	155
Aciamet						
Aciamet					044	
Acio					044,048	
Acioce					039	
Aciburo	081					
Aciviva	002,156,177,183,200,207	001				
Acivivara	100					
Aciviva					055	
Aciviva					055	
Acio	100					
Acio	002,207,208	002,204,115,206,208,101,104,205			050,069	100
Acio	111,114,164,181,190	032,207,114,150,115,112,113,114,115,143			016,133	
Aciba						
Aciba	100				155	
Aciba	100					
Aciba	178,179,202					
Aciba	008					
Aciba	008	040,017				
Aciba	030,008	107,210				
Aciba						116
Aciba	004,001,140,177,200					
Aciba	100					
Aciba					022,042,048	
Acio	000,014,020,040,100,103,106,102,176,177,184,180,200,202,204,214					
Acio						051
Aciba	200				050	
Aciba		040,047				
Aciba	100					
Aciba		054,064,100				
Aciba	047				050	
Aciba	016					
Aciba		025,109,110,142				
Aciba	000					
Aciba	100,200	000,100				
Aciba	040,002,190					
Aciba		010,010				
Aciba	110					
Aciba	100				051,091	
Aciba	100,114					
Aciba	040,100,177,180	010,020,006				151

