



## Xtreme™/UV™ – Series Displays

# Peerless-AV® Waterproof Programmable Remote Control



The Peerless-AV® Waterproof Universal Remote Control is pre-programmed with the latest library of codes, and designed to operate the Peerless-AV Xtreme™/UV™ Displays, as well as third-party Satellite and Cable Boxes, Blu-ray Players and DVD Players, VCR's, Audio Equipment and various Automation Equipment.

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## Universal Remote Control Button Guide

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**POWER** - Toggles Power On and Off

**MUTE** - Toggles Audio On and Off

**SOURCE** - Toggles through the available source inputs

**TV** - Press to control TV

**DVD** - Press to control DVD player

**CBL** - Press to control satellite or cable box functions

**AUX** - Press to control auxiliary equipment

**NUMBERS** - Discrete number commands

**LAST** - Press to return to previous channel

**ARROWS** - Press to navigate through menus and settings

**OK** - Press to select items in the menu or guide

**VOL +/-** - Press to increase or decrease volume

**INFO** - Press to display content information

**EXIT** - Press to exit the on-screen display menu

**CH +/-** - Press to change the channel up or down

**REW** - Rewind skips backward in content

**PLAY** - Press to start content play

**FF** - Press to Fast Forward & skip content ahead

**MENU** - Press to access the On-Screen Display Menu

**REC** - Press to Record content

**STOP** - Press to Stop content Play

**PAUSE** - Toggles between content Pause and Play

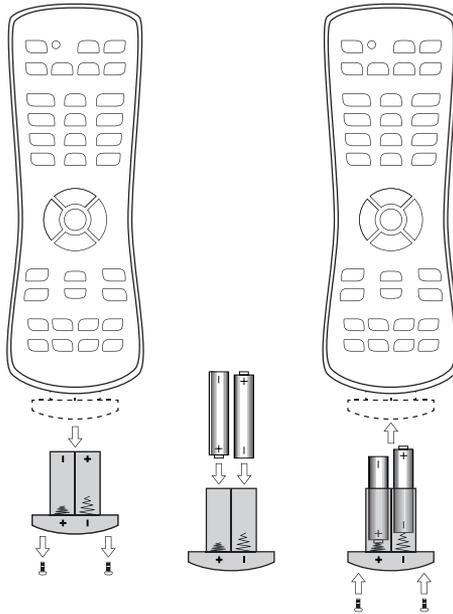
**GUIDE** - Press to access Guide information

## Battery Installation and Replacement

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**Note:** The Peerless-AV Waterproof Universal Remote Control is supplied with batteries already installed.

If the Red LED light on the remote fails to illuminate when a button is pressed, the batteries may need to be replaced. Follow the directions below to replace the batteries.



Remove the two screws from the battery holder as shown. Pull the battery holder out of the bottom of the remote control and remove the batteries.

Insert two new 1.5V AAA batteries into the battery holder as shown. Ensure the positive and negative marks on the batteries are correctly oriented with the markings on the inside of the remote control's battery compartment.

Insert the battery holder back into the battery compartment of the remote control. Tighten both battery holder screws, making sure the screws are tightened all the way to maintain a waterproof seal (do not over tighten).

## Device Table

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**NOTE:**

Please refer to Table 1a when in the "PROGRAMMING THE REMOTE USING DEVICE CODES" section. After programming is complete, the Universal Remote Control will be able to control the following types of devices:

**NOTE:**

If Peerless-AV Display is unresponsive to commands being sent, press the TV button and send the commands again.

**Table 1a**

TV	Controls the Peerless-AV Display
DVD	Blu-ray, DVD, DVR, VCR, TV/VCR
CBL	Cable Box, Satellite Box
AUX	CD, LD, Home Automation, PVR Device

## Programming the Remote using Device Codes

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To have universal control of your devices through the Peerless-AV Programmable Remote, perform the following steps; otherwise skip this section. *Fully read and understand the process before attempting to program the remote.*

1. Turn on the device that you would like to program into your remote using the power button the the device.
2. On the Peerless-AV Universal remote control, press and hold the button that you are trying to program (TV, DVD, CBL, or AUX) and the OK button simultaneously for 2 seconds. The Red LED on the remote will illuminate.
3. In the "MANUFACTURER'S CODES" section (page 6), locate the type and brand name of the device you are trying to program into the remote. Once you have located it, enter the first 3-digit code for your device. If the device that you are trying to control turns off, press the Device button that you were trying to program (TV, DVD, CBL, or AUX). The Red LED will blink two times.
4. To confirm the code works properly, press the Device button again then press the Power button. The device should turn on; however, if the device did not turn on, please repeat step 1-3 above with the next code in the list for that manufacturer.

If none of the listed codes work with your device, proceed to the "PROGRAMMING THE REMOTE BY SEARCHING FOR CODES" section (page 6).

## Programming the Remote by Searching for Codes

1. Turn on the device that you would like to program into your remote using the power button the the device.
2. On the Peerless-AV Universal remote control, press and hold the button that you are trying to program (TV, DVD, CBL, or AUX) and the OK button simultaneously for 2 seconds. The Red LED on the remote will illuminate.
3. Press and release the CH Up button once to start the code search through the list of available codes. Each time the CH Up button is pressed, the remote will send an Off command to the device using the next code on the list. Each time the CH Up button is pressed, the Red LED on the remote control will illuminate for verification.
4. Continue pressing the CH up button until the device you are trying to control turns off. Then press the Device button that you were trying to program (TV, DVD, CBL, or AUX). The Red LED will blink two times.
5. To confirm the code will work properly, press the Device button again. Then press the power button. The device should turn on; However, if the device did not turn on, please repeat steps 1-4 above.

## Manufacturer's Codes

### CABLE BOX Codes

Brand	Codes									
ABC	107	109	113	117	131	135	144			
ALLEGRO	112									
ANTRONIX	045	121								
ARCHER	045	121	130	132						
CABLE TENNA	121									
CABLE VIEW	121									
CENTURY	132									
COLOUR VOICE	002	003								
COMTRONICS	039	110								
CONTEC	114									
DIRECTOR	202									
GARRARD	132									
GC ELECTRONICS	045									
GEMINI	045	048								
GENERAL INSTRUMENT	202	092	099	100	125	126	127	131	135	
HAMLIN	139	142	145							
HITACHI	135									
HYTEX	144									
JASCO	132									
JERROLD	202	048	107	109	117	125	126	127	131	135
MAGNAVOX	111									
MEMOREX	106									
MOTOROLA	201	202								

## CABLE BOX Codes (continued)

Brand	Codes									
MOVIE TIME	033	144								
NSC	033	144								
OAK	006	114	144							
PANASONIC	123	129								
PHILIPS	002	003	048	111	132					
PIONEER	204	005	091	093	102	122				
PULSAR	106									
RADIOSHACK	112									
RCA	129									
REALISTIC	045									
REGAL	145									
REMBRANDT	135									
RUNCO	106									
SAMSUNG	005	039								
SCIENTIFIC-ATLANTA	204	205	091	096	097	098	113	115	122	
SIGNAL	039	048								
SIGNATURE	135									
SL MARX	039									
SPRUCER	129									
STANDARD COMPONENTS	086									
STARCOM	048	117	131							
STARGATE	039	048								
STARSIGHT CABLE SERVICE	119									
STARQUEST	048									
TANDY	047									
TELEVIEW	039									
TEXSCAN	086									
TOCOM	101	107								
TOSHIBA	106									
TUSA	048									
TV 86	033									
UNIKA	045	121	132							
UNITED ARTISTS	144									
UNITED CABLE	131									
UNIVERSAL	045	121	130	132	136					
VIDEOWAY	037									
VIEWSTAR	033	047	110	111						
VIDEO TECH	036									
ZENITH	038	103	104	106	112	138	200			
NEW MODEL	105									

## SATELLITE RECEIVER Codes

Brand	Codes									
CHANNEL MASTER	155	159	164							
CHAPPARAL	168	170	174							
CHEYENNE	174									
DISH NETWORK	192									
DARKE	069	070	072							
DX ANTENNA	156	158								
ECHOSPHERE	192									
ECHOSTAR	160	165	171	192						
FUJITSU	176	182								
GE	152	184								
GENERAL INSTRUMENTS	016	147	149	188	191	195	198			
HITACHI DBS	180	185								
HUGHES SATELLITE DBS	163	167	173	185	197					
JERROLD	050									
KENWOOD	161									
LUXOR	165									
MACOM STATE	172									
MAGNAVOX DBS	194									
MEMOREX	199									
NORSTAT	177	183								
PANASONIC DBS	151									
PRIMESTAR	053									
PHILIPS	194									
PROSCAN	152	184								
RCA DBS	152	184								
REALISTIC	154	196								
SCIENTIFIC ATLANTA	157									
SIERRA I, II, III	174									
SONY DBS	189									
STARSIGHT	197									
STAR TRAK	162									
STS	158	169	175							
SUPER GUIDE	166									
TOSHIBA	181									
TOSHIBA DBS	148	150	179							
UNIDEN	178	187								
UNIDEN DBS	197									
VIDEO CHPPER II	070									
ZENITH	063	069	070	071	072	153	186			

## TV Codes

Brand	Codes									
ADMIRAL	068	119	120	147	149	155				
AIKO	185									
AKAI	001	006	067							
ALARON	139									
AMARK	012	020	096	100						
AMERICA ACTION	190									
AMPRO	121	170								
ANAM	008	012	013	107	128	129				
AOC	001	002	006	012	022					
ARCHER	187									
AUDIOVOX	047									
BAYSONIC	190									
BELCOR	183									
BELL & HOWELL	120									
BRADFORD	190									
BROCKWOOD	183									
BROCKSONIC	042	044								
CANDLE	001	002	079	106	183					
CAPEHART	022									
CARNIVALE	183									
CARVER	188									
CETRONIC	035									
CINERAL	185	186								
CITIZEN	001	0002	034	035	076	079	096	106		
CLASSIC	035									
CONCERTO	002									
CONTEC	032	035								
CORONADO	081	096								
CRAIG	035	107								
CROSLEY	188									
CROWN	035	096	100	190						
CURTIS MATHES	001	002	076	096	120	155				
CXC	035									
DAEWOO	000	002	013	016	033	034	035	040	047	055
	074	075	083	096	098	124	142			
DAYTRON	002	096								
DENON	189									
DUMONT	183									
DYNASTY	035									
DYNATECH	162									

## TV Codes (continued)

Brand	Codes									
EARTHWALK	194									
ELECTROBAND	047	096	133							
EMERSON	002	006	007	023	031	032	035	038	041	042
	044	047	096	100	173					
ENVISION	183									
FISHER	025	026								
FUJITSU	193									
FUNAI	007	035								
FUNAI TV/VCR	060									
FUTURETECH	035									
GENERAL ELECTRIC	001	002	031	080	081	082	112	116	117	121
	129	147	147	149	155	156	167			
GIBRALTER	183									
GOLDSTAR (LG)	002	003	006	009	010	011	012	019	087	096
	098	100								
GRADIENTE	183									
GRUNPY	190	193								
HALLMARK	002									
HARLEY DAVIDSON	193									
HARMAN/KARDON	188									
HARVARD	190									
HITACHI	002	089	090	094	096	100	119	139	161	
INFINITY	109	188								
INKEL	130									
JBL	109									
JCPENNY	001	002	006	052	076	080	082	096	112	122
	133	149								
JENSEN	004									
JVC	054	056	065	088	092	116				
KEC	190									
KENWOOD	001	054								
KLOSS	079	097								
KMC	100									
KTV	001	006	023	035	096	100	115			
LODGENET	119	120								
LOGIK	119	120								
LUXMAN	002									
LXI	053	068	069	070	099	109	149			
MAD	057	099								

## TV Codes (continued)

Brand	Codes									
MAGNAVOX	001	002	021	048	066	097	098	100	105	106
	109	110	112	149						
MAJESTIC	006	120								
MARANTZ	001	006	109	135	136					
MATSUI	109									
MEGATRON	020									
MEMOREX	002	119	120							
METZ	146									
MGA	001	002	018	133						
MGA/MITSUBISHI	006	007	017	135	136					
MIDLAND	192									
MINERVA	146									
MONUTX	180									
MITSUBISHI	002	007	008	018	067	133	134			
MONTGOMERY WARD	006	007	051	066	069	082	100	120		
MOTOROLA	181									
MTC	001	002	076	162						
MULTITECH	190									
NAD	182	183	184							
NEC	001	006	008	049	129	133	144	167		
NIKEI	035									
NIKKO	183	185								
NTC	185									
ONKING	035									
ONWA	035									
OPTIMUS	183	184								
OPTONICA	049	068								
ORION	191	193								
PEERLESS-AV	195	This is the code for our display								
PENNEY	180	182	183	187	192					
PHILCO	001	002	006	021	066	096	097	098	100	105
	106	109	110	129	133					
PHILIPS	001	002	066	088	097	098	106	109	110	157
	173									
PILOT	183									
PIONEER	001	002	057	058	059	064	104	139		
PORTLAND	002	096	100							
PROSCAN	147	148	149	152	155	170				
PROTON	002	015	022	027	028	096				
PULSAR	183									

## TV Codes (continued)

Brand	Codes									
QUASAR	081	116	117	129						
RADIOSHACK	002	035	049	096	098					
RCA	001	002	006	122	123	129	133	139	140	147
	148	149	155	156						
REALISTIC	041	049	051							
RUNCO	119	121	137	166	167	168	171			
SAMPO	001	002	022							
SAMSUNG	002	076	078	096	098	100	114	149		
SANSEI	186									
SANSUI	191									
SANYO	025	026	030	036	037	103	145	169		
SCIMITSU	183									
SCOTCH	183									
SCOTT	002	007	035	042	096					
SEARS	002	007	025	026	030	052	078	096	099	100
	145	149								
SELECO	160									
SEMP	182									
SHARP	002	007	048	049	050	051	068	069	070	071
	096	100	137	164	165					
SHOGUN	183									
SIGNATURE	006	007	051	066	069	082	100	119	120	
SMIVOX	190									
SONY	018	024	061	062	125	173				
SOUNDESIGN	002	007	035	106						
SPECTRICON	012									
SSS	002	035	183	190						
STARLITE	190									
SUPREMACY	079									
SYLVANIA	001	021	066	074	097	098	105	106	109	110
	112	149								
SYMPHONIC	053									
TANDY	068									
TATUNG	081	129	162							
TECHNICS	116	128								
TECHNOLACE	193									
TECHWOOD	002									
TEKNIKA	002	007	035	041	076	079	096	100	106	110
	119	120	133							

## TV Codes (continued)

Brand	Codes										
TELEFUNKEN	183										
TELERENT	100	119	120								
TERA	014										
TMK	002										
TOSHIBA	008	052	076	078	099	162					
TOTEVISON	096										
UNIVERSAL	080	082									
VECTOR RESEARCH	183										
VIDEO CONCEPTS	067										
VIDIKRON	108	163									
VIDTECH	002										
WARDS	002	007	021	049	066	080	082	096	105	109	
	119	156									
WESTINGHOUSE	047										
WHITE WESTING HOUSE	191										
YAMAHA	001	002									
YORK	002										
YUPITERU	035										
ZENITH	034	040	119	121	131						
ZENITH TV/VCR	060	087									
ZONDA	012										

## VCR & TV/VCD Codes

Brand	Codes										
ADMIRAL	074										
AIWA	000	090									
AKAI	030	049	050	051	055	060					
AMPRO	099										
ANAM	088	089									
AUDIO DYNAMICS	016	020	030								
BELL & HOWELL	005	109									
BROKSONIC	053	054	059	105	122						
CANON	057	087	089								
CAPEHART	019										
CITIZEN	063										
CRAIG	001	012									
CURTIS MATHES	087	089	092								
DAEWOO	018	019	025	048	064	065	070	109			
DAX	016	020	030								
DAYTRON	018	019									
DBX	020	030									

## VCR & TV/VCD Codes (continued)

Brand	Codes									
DYNATECH	075	090								
ELECTROHOME	010									
EMERSON	017	021	041	045	046	048	051	053	054	058
	059	060	062	089	090	104	105	122		
FISHER	038	039	109							
FUNAI	090									
GENERAL ELECTRIC	012	087	089	096	097	099	108	112	114	116
	143	144								
GO VIDEO	003	004	012	014						
GOLSTAR (LG)	020	062	063	078						
HARMAN KARDON	020	052								
HITACHI	022	030	069	077	078	079	090	112		
INSTANT REPLAY	087	088	089							
J.C. PENNEY	012	020	062	078	079	087	088	089		
JCL	089									
JENSEN	030									
JVC	006	010	020	022	024	026	027	029	030	089
KENWOOD	005	022	029	030	090					
LLOYD'S	090									
LOGIK	015									
LXI	038	048	062	063	078	090				
MAGNIN	012									
MAGNAVOX	031	032	034	035	087	089	090	092	100	
MARANTZ	020	031	033	034	089					
MARTA	062	063								
MATSUI	045	056								
MEI	089									
MEMOREX	005	012	013	062	075	086	087	089	090	099
MGA	010	051	052							
MINOLTA	078									
MITSUBISHI	009	010	051	052	076	078	091	111		
MONTGOMERY WARD	037	074	087	090	108	110				
MTC	012	090								
MULTITECH	015	090								
NEC	016	020	029	030						
NORDMENDE	030									
OPTONICA	036	075								
ORION	041									

## VCR & TV/VCD Codes (continued)

Brand	Codes									
PANASONIC	080	085	087	089	101	102				
PENTAX	078	079	089	112						
PHILCO	031	087	089	090						
PHILIPS	022	031	036	062	087	088	089	090		
PILOT	062									
PINOEER	029	078	079	082	083					
PORTLAND	018	019								
PULSAR	099									
QUARTZ	005									
QUASAR	005	080	085	087	089	101	102			
RADIO SHACK	062									
RCA	012	078	079	080	088	089	090	092	096	097
	108	113	114	115	116	118				
REALISTIC	005	012	036	039	062	074	075	087	089	090
	109									
RICO	071									
RUNCO	099									
SALORA	005									
SAMSUNG	008	012	048	049	081	114	116			
SANSUI	001	029	030							
SANYO	005	012	013							
SCOTT	009	046	048	054	122					
SEARS	005	038	039	048	062	063	078	079	109	117
SHARP	036	073	074	075	089					
SHINTOM	015									
SIGNATURE	037	074	087	090	108	110				
SONY	038	068	071	072	075	089				
SOUNDESIGN	090									
STS	078									
SYLVANIA	010	031	034	087	088	089	090			
SYMPHONIC	090									
TANDY	090	109								
TASHIKO	063									
TATUNG	030									
TEAC	030	090								
TECHNICS	089	101								
TEKNIKA	047	062	089	090						
THOMAS	090									
TMK	017									
TOSHIBA	010	022	039	044	048	078	079			

## VCR & TV/VCD Codes (continued)

Brand	Codes									
TOTEVISION	012	062								
UNITECH	012									
VECTOR RESEARCH	009	020								
VICTOR	029									
VIDEO CONCEPTS	020	051	090							
VIDEO SONIC	012									
WARDS	012	015	036	048	075	078	089	090		
YAMAHA	020	030	090							
ZENITH	027	029	062	071	090	093	098	099	104	

## TV/VCR Codes

Brand	Codes									
ADVENTURA	121	129								
BROKSONIC	136	137								
DAEWOO	124	125								
EMERSON	122	123	133							
FUNAI	121	129								
GOLDSTAR (LG)	132	135	138	139						
HITACHI	121	129								
LXI	121	129								
MAGNAVOX	120	128	130							
PANASONIC	126	127								
RCA	120									
RS	126	127								
SAMSUNG	131									
SANSUI	136	137								
SHARP	119	120								
SYLVANIA	121	129								
SYMPHONIC	121	129								
XR-1000	121	129								
ZENITH	121	124	129	132	135	136	137	138	139	

## DVD, DVR, & Blu-Ray Codes

Brand	Codes									
ADVENT	200									
ALLEGRO	194									
APEX DIGITAL	167	172	173	177	178	179	187	206	209	217
AUDIOVOX	176									
BLAUPUNKT	172									
BLUE PARADE	157									
BROKSONIC	169	193								
CINEVISION	196									
CURTIS MATHES	208									
CYBERHOME	183									
DAEWOO	175	188								
DENON	147	222								
DVD2000	149									
EMERSON	160	168	185							
ENTERPRISE	160									
FISHER	166									
FUNAI	168									
GE	150	172	182	223	224					
GO VIDEO	171	174								
GPX	170									
GREENHILL	172									
HARMAN/KARDON	159									
HITACHI	145	146	158							
HITEKER	167									
INITIAL	172									
JENSEN	200									
JVC	156	161	192	213						
KENWOOD	147	153								
KLH	172	176	201							
KOSS	165									
LASONIC	180									
LITE-ON	205									
LG	225									
MAGNAVOX	148	168	220	226						
MARANTZ	154									
MEMOREX	169									
MICROSOFT	150									
MINTEX	172	189								
MINIBISHI	149	211	227							
MOTOROLA	203									
MOXELL	203									

## DVD, DVR, & Blu-Ray Codes (continued)

Brand	Codes									
NESA	172									
NORCENT	199									
ONKYO	148									
ORITRON	165									
PANASONIC	147	163	210	212	216	228				
PHILIPS	148	154	164	190	197					
PIONEER	151	157	163	214	229					
POLK AUDIO	154									
PRIMA	200									
PROSCAN	150									
PROVIEW	203									
QWESTAR	165									
RCA	150	157	172	176	186	202				
RIO	194									
ROTEL	161									
SAMSUNG	158	184	198	207	218	230	233			
SANSUI	169									
SANYO	166	169	195							
SHARP	162									
SHINSONIC	152	189								
SONIC BLUE	194									
SONY	152	191	215	219	231					
SYLVANIA	168	185								
SYMPHONIC	168									
TEAC	176									
TECHNICS	147									
THETA DIGITAL	157									
TOSHIBA	148	169	204							
TREDEX	181									
URBAN/CONCEPTS	148									
VENTURER	176									
XBOX	150									
YAMAHA	147	154	155	232						
ZENITH	148	160	194	232						

## DVR Codes

Brand	Codes									
PANASONIC	140									
PHILIPS	141									
REPLAY TV	140	221								
SONIC BLUE	140	221								
SONY	142									
TIVO	141	142								

## CD, LD, HOME AUTOMATION & PVR Codes

Brand	Codes									
AKAI	000	001								
CROWN	001									
DENON	002									
FISHER	003	025								
GOLDSTAR (LG)	037									
HAMAN/KARDON	004									
JVC	005									
KENWOOD	006	028	055							
MAGNAVOX	009									
MITSUBISHI	010									
NAD	012	013	034							
NAKAMICHI	014	015								
NEC	016									
ONKYO	017									
PANASONIC	018	019								
PHILIPS	008	020	021	041						
PIONEER	022	042								
RADIOSHACK	023	026	027							
RCA	024									
SANYO	043									
SHARP	030									
SONY	030	031	032	044						
SOUNDESIGN	038	046								
TEAC	033									
TECHNICS	036									
YAMAHA	035	048	049	050	051	052	053	054		
ZENITH	045	047								

## LASER DISC Codes

Brand	Codes									
DENON	067									
PIONEER	067									
PROSCAN	068									
RCA	068									
SANYO	065									
SONY	066									
ZENITH	065									

## HOME AUTOMATION Codes

Brand	Codes									
GE (AUX 3601)	069									
RADIOSHACK (AUX 3600)	071									
PHILIPS (VCR2039)	070									
ECHO STAR (VCR2040)	072									

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