

Control Commands VisualRadio Basic

Version 2.9

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BASIC COMMANDS

Name	Description	Type	Example
Record (Flag As Boolean)	Starts/Stops Audiorecording	Method Doubles Key 'RECORD'	ar.Record True ar.Record False
BandWidth()	Get / Set Bandwidth	Property	ar.bandwidth = "200 k"
Frequency()	Get / Set Frequency [MHz]	Property	ar.frequency = 12.663
Mode	Get / Set Mode	Property	ar.mode = "AM"
Attenuator()	Get / Set Attenuator	Property	ar.attenuator="ON"
Squelch()	Get / Set Squelch	Property	ar.squelch = 250
Mode()	Get / Set Mode	Property	ar.mode = "AM"
Antenna()	Get / Set Antenna	Property	ar.antenna = 1
DebugPrint()	Prints to the Debug Window	Method	DebugPrint ar.mode
Sound()	Equals BEEP	Method	sound
Direct (LAN Command)	Sends a LAN Command directly to VR Flash	Method	Direct ("SYSTEM:RECORD:ON")
Flash Commands			
Span()	Get / Set Span [MHz]	Property	ar.span = 5
SetFreerunOn()	Use Windows Timer for Data Acquisition	Method Doubles Key 'FREE' (active)	ar.SetFreerunOn
SetFreerunOff()	Use VR Basic for Data Acquisition, i.e. TakeSweep	Method Doubles Key 'FREE' (inactive)	ar.SetFreerunOff
GetFreerunStatus()	Returns Freerun Status, i.e. TRUE / FALSE	Function	Debugprint ar.GetFreerunStatus
SetTriggerLevel(Level)	Sets Triggerlevel in dBm	Method	ar.SetTriggerlevel -97
GetTriggerLevel()	Returns Triggerlevel in	Function	Debugprint ar.GetTriggerLevel

	dBm		
SetTriggerOn()	Displays Triggerline	Method Doubles Key 'TRIGGER' (active)	ar.SettriggerOn
SetTriggerOff()	Hides Triggerline No Trigger!	Method Doubles Key 'TRIGGER' (inactive)	ar.SetTriggerOff
SetScaleMinimum(Level)	Minimum Level of displayed Spectrum in dBm	Method Doubles Keys 'Min. Level'	ar.SetScaleMinimum -100
GetScaleMinimum()	Returns Minimum Level of displayed Spectrum in dBm	Function	Debugprint ar.GetScaleMinimum
SetScaleMaximum(Level)	Maximum Level of displayed Spectrum in dBm	Method Doubles Keys 'Max. Level'	ar.SetScaleMaximum -20
GetScaleMaximum()	Returns Maximum Level of displayed Spectrum in dBm	Function	Debugprint ar.GetScaleMinimum
SetMarker1(Frequency)	Sets Marker1 to the desired Frequency in MHz	Method	SetMarker1 85
GetMarker1()	Returns Frequency of Marker1 in MHz	Function	Debugprint ar.GetMarker1
SetMarker2(Frequency)	Sets Marker2 to the desired Frequency in MHz	Method	SetMarker2 93.5
GetMarker2()	Returns Frequency of Marker2 in MHz	Function	Debugprint ar.GetMarker2
SetMarkersOn()	Displays both Markers	Method	ar.SetMarkersOn
SetMarkersOff()	Hides both Markers	Method	ar.SetMarkersOff
GetMarkerStatus()	Returns Status of both Markers (ON / OFF)	Function	Debugprint ar.GetMarkerStatus
SetSampleCount(Samples)	Defines Size of Samples for Histogram and Average	Method Doubles Combo 'Samples'	ar.SetSampleCount 12
SetHistogramOn()	Displays Histogram with the Spectrum	Method Doubles Key	ar.SetHistogramOn

