

The Art of Collecting: Henrique Schuchmann Morador

Report by Martin Butera (Photos by Ligia Katze)

Collecting is a basic and very old human instinct, typical of organized, careful and somewhat obsessive people. Our interviewee is the opposite. Entering your garage in which you keep a secret bunker where you host your radio collections, is like entering a trip to the origins of the cosmos, a collection of messy planets that at the same time work in perfect balance.

Henrique Schuchmann Morador, Born in 1963 in Brazil in a small town called "Santana do Livramento", located on the border between Brazil and Uruguay, also close to the country of Argentina. Then he would move to the city of Porto Alegre, capital of the state of Rio Grande do Sul - Brazil. By profession, an agronomist, Henrique Schuchmann Morador, is in the antipodes of a collector of "militaria", does not like weapons, war clothes, combat strategies, decorations, or anything in warlike relationship. For Henrique Schuchmann Morador, the answer to why he collects is in the pleasant feeling he feels, every time he gets that radio that is missing from his collection.



However Henrique Schuchmann Morador, knows that the pleasant sensation of getting new radios for his collection, eventually tends to disappear, because it becomes routine. Hence the urgent need to achieve something increasingly exclusive and unique.

Photo (above): Henrique Schuchmann Morador, along with Martin Butera in his secret Garage-Bunker.



Photo (below): another view, of the Garage - Bunker by Henrique Schuchmann Morador, Porto Alegre – Brazil

We already know that a collection depends on the personality of the collector and its media. Visibly, the collection of Henrique Schuchmann Morador, is not cataloged, to know about the origin of each radio, just ask ...

That's how Henrique Schuchmann Morador invited me to spend an entire afternoon in his secret garage-bunker and told me infinite stories of his radios.

For example, by the huge Hammarlund SP-600 receiver, he explains that this was used by military and government agencies in the United States, such as the FBI and the CIA.

Photo: Henrique Schuchmann Morador, together with a Hammarlund SP-600 receiver and collins 75A-3 receiver from his collection.

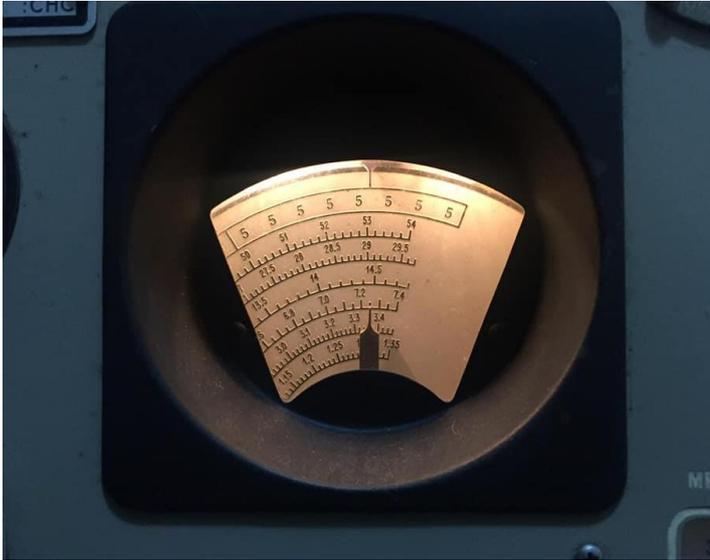


Photo: tuning eye of Hammarlund SP-600 receiver bands



About the Collins ART-13 transmitter and the BC-348 receiver, Henrique, he explains that they were, radios on board the American World War II bomber planes, such as the B-17, B-24, B-25 and B -29, like the ones that threw the two atomic bombs. Hiroshima and Nagazaki (B-29), which can be seen in US museums.

Photo: Collins ART-13 transmitter



Photo: BC-348 receivers

Henrique then tells me the story of the BC-312 receiver, tells me that it was widely used by the US. UU. In World War II, being compact but extremely heavy, capable of resisting the explosion of a nearby grenade, in



accordance with military regulations, and whose manual includes information on how to destroy it so as not to fall into the hands of the enemy.

Then he shows me an old National HRO Senior 1937 and tells me that it was widely used by the English at Bletchley Park.

Bletchley Park was the name of a military installation located in Buckinghamshire, England, in which the work of deciphering German codes was carried out during World War II. He explains that there were about 80 of them, intended to intercept Nazi messages, encoded in the Enigma machine and transmitted by telegraphy, to decode in the Ultra machine (Alan Turing).

It is estimated that it shortened World War II in two years due to the great secrets discovered, as revealed in the books *The Codebreakers* and *The Ultra Secret*.

Photo (left): BC-312 receiver (below), next to the National HRO Senior 1937 receiver (above).

Photo (right): some stacked PRC-25 backpacks

Then he shows me the PRC-25 backpack, and explains that it is the well-known backpack radio used in the Vietnam War and that it appears in any film about that war.

The PRC-25 was succeeded by the PRC-77 still participating in Vietnam, a radio that he does not yet have in its collection. On the other hand, it tells me that he has some ERC-110 radios, which is the version of PRC-77 made in Brazil.

He then shows the monstrous GRC-106, consisting of three modules with RTTY capability for use on a 3/4 ton Dodge military truck specially designed for use in Vietnam.

Under the table, supported by old car tires, is the GRC 3-8 set, also the Vietnam War. He also shows me the famous GRC-9 (Angry Nine) used in the Korean War.





Photo (left): The monstrous GRC-106

Photo (below): GRC 3-8.



Photo (right):
The famous
GRC-9 (Angry
Nine)



There are also in the collection several military equipment used by the Brazilian army, of national manufacture, but of similar pattern to the Americans.

Photo (left): Top 2 RY-40 / ERC-616 equipment and below one RY39A / ERC-620 equipment (with digital display and antenna coupler), used by the Brazilian army (all of national manufacture).

There are hundreds of radios, distributed by its garage-bunker, each incorporated into its messy collection, has an orderly history in the memory of Henrique Schuchmann Morador. He does not delve into the electronic technical details, but the main characteristics of the equipment, the period and place of manufacture and the purpose of use for example: radio amateurs, army, navy, aeronautics, maritime navigation, government agencies, civil aviation companies , etc.



Photo: from left to right, Hallicrafters S-40A and other Hallicrafters S-85, behind you can see a little bit a BC-312 and an Eddystone S-680 / 2^a.

For Henrique Schuchmann Morador, a new radio in his collection means taking a bit of history to the garage-bunker, a passion for life, with all that that implies.



Photo: Martin Butera in the Garage-Bunker of Henrique Schuchmann Morador, we can see, on the table from the left: GRC-9 (Angry Nine), Collins "S" Line and Collins KWM-2A and on the floor is the GRC- 3-8.

Henrique Schuchmann Morador and his collection of Citizen band transmitters and car radios.

The Henrique collection, not only has military radios, its collection is also composed of base stations, mobile and handheld, known as walki-talkies, and portable, citizen band.

Henrique has a preference for CB Base. In that category, in its collection we can see 2 Cobra 2000 GTL, a Cobra 142 GTL, a President Madison, a Lafayette Telsat SSB 140 and a Ranger 2990. You can also see them scattered throughout your Garage-Bunker, many car radios, when I asked Henrique about these radios, he told me that he only collects those that have some shortwave band.



Photo: Henrique Schuchmann Morador, along with 2 base radios charges 2000 GTL.



Photo: A hammarlund hq-120, we can see in the photo that several car radios are stacked next to the receiver.



Photo: CB base President Madison 80 AM / SSB channels.



Photo: Clarion 23 AM channels (in two modules like some modern radios).



Photo: We can see 2 equipment of BC national manufacturing are the FA-M21 Motoradio of 23 channels in AM and another CB (orange), Handic brand - model 235.



Photo: starting on the left we can see 2 teams of BC Lafayette Teslat SSB 50 channels, also a 23 Fan CB of 23 channels, a 149 GTL 40 channels and a Kalimar 23 channels.

Henrique Schuchmann Morador and his beginnings radio listening

Henrique Schuchmann Morador, is not only an atypical collector of military radios, he is also a dedicated radio listener, to this day.

He started from a very young age with his father who usually listened to the news on the radio, that was the usual medium at that time, remember that they did it in a very popular receiver of national manufacture, an AC-431 of the company SEMP (acronym for Paulista Eletromercantil Corporation).



Photo: Henrique Schuchmann Morador, holding a classic Satellit 3400 radio, next to Martin Butera, which holds a DZ-60 loop antenna (Denis Zoqbi).

MB: What did you hear remember?

HSM: I mainly listened to Radio Guaíba from Porto Alegre, capital of the state of Rio Grande do Sul, located approximately 500 km away. It was captured at 720 kHz in medium waves, especially at night, but also listened to very strong Uruguayan and Argentine stations, due to its geographical proximity.

MB: when did you start listening to shortwave?

HSM: I began to listen to shortwave, thanks to an uncle who had a beautiful leather-covered portable Mitsubishi receiver (model 10X-718, 10 transistors), which spent

whole mornings in my hands, tuning distant stations mainly in shortwaves, although I also loved looking for distant medium wave stations. That was probably the beginning, it should be about 10 years old, early 1970s.

MB: in what language did you like to listen?

HSM: Well it was very small, but fortunately, there were many transmissions in Portuguese and especially in Spanish, which in my case is also a mother tongue, since my city has an open border with Rivera in Uruguay, divided only by a street.

When I grew up I began to follow broadcasts in English through BBC London and the Voice of America.

I also remember hearing the Moscow Central Radio, Deutsche Welle, Radio Netherlands and many others that no longer exist in the original language.

MB: at that time, did you use any external antenna?

HSM: No, all the listening was done without any external antenna, only with the small telescopic antenna of the Mitsubishi, perhaps a little electric cable of about 40 cm, screwed into the antenna, but no more than that.

The ionospheric propagation was spectacular in those times.

Today Henrique Schuchmann Morador, keeps with much love, in his collection an identical model of that Mitsubishi radio, which his uncle lent him.

With the years then they would come, the classic Satellit 3400, professional external antennas



Photo: Above we can see Tranglobos radios, below from left to right Yaesu FT-101E, Hallicrafters S-40 and S-85, below appears a National HRO 1937.

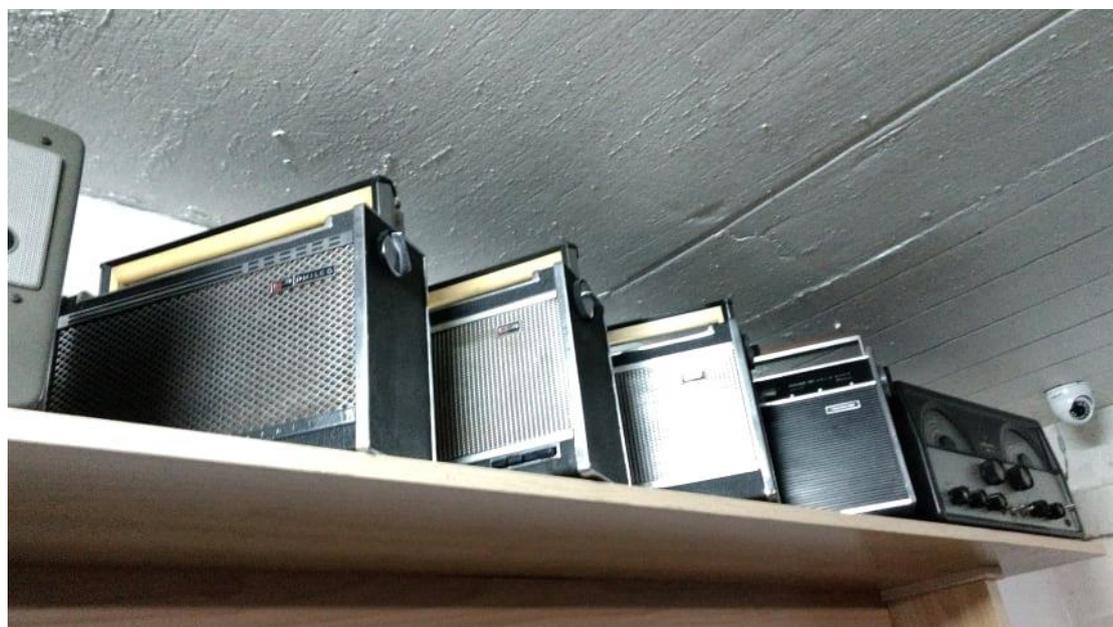


Photo: We can see several radios Tranglobos (Philco) of Brazilian manufacture. Morador.

Henrique Schuchmann Morador and his beginnings in the citizen Band and Ham Radio.

MB: how were your beginnings as a citizen band operator and then Ham Radio?

HSM: In 1972, my family moved to the state capital, Porto Alegre, and I kept listening, using that beloved radio from my father's AC-431 of the SEMP, that radio has medium waves and four extended shortwave bands, providing excellent reception.

On this radio, I started listening to the amateur radio in the 80 meter band, broadcasting in modulated amplitude, without knowing it I was taking my first steps in the radio hobby.

In 1976 I received a walkie talkie from a friend of my parents, even with the financial difficulties we were going through at the time. It was only one, not the pair, I remember that it was from the Savoy brand, with a 9V battery and only 100mW of power and transmitted on channel 14 of the citizen band, but I indiscriminately received the station with the strongest signal, regardless of channel used. With this little walkie talkie, I made my first contacts were 2 citizen band stations that were close to my house.

Already in 1978, with about 15 years of age, with my savings, I was able to acquire the first transceiver of the citizen band a Kalimar of 23 channels in AM mode, during the school holidays, I was traveling to my uncle's house in Sao Paulo, it was there that I built my first dipole antenna, which I extended in my cousin's room, between the door and the window, thus making my first local contacts.

Shortly after, towards the end of the year, I sold this radio to buy a new one and the fabulous Cobra 148GTL arrived, whose price difference was sponsored by my mother, who is still in a very difficult phase, a widow and with four children to raise, however it gave me that pleasure.

In the following years, with that Cobra 148GTL and its original 12 watts, "I went around the world", with the help of a cubic square antenna of two elements, built on a scheme published in an electronic magazine, very popular at that time .

Contacts with other regions in Brazil, South America, Central America, the Caribbean, the United States, Canada and Europe were easy.

MB: Do you remember which was your first Ham Radio transmitter?

HSM: Yes, of course, my first amateur radio equipment was a powerful Delta 500, nationally manufactured, with two 6KD6 valves at the outlet and 80 to 10 meter bands.

Already in the year 2000, I acquired an Icom 751, my passion to this day for the excellent reception and transmission

MB: Do you remember what your first antenna was?

HSM: I started using a W3DZZ antenna for 80 and 40 meters.

Then came antennas of all kinds yaguis, rotors and everything we are used to seeing in a current Shack Radio.

Henrique Schuchmann Morador, with time he achieved his maximum category in Brazil (Class A)

and with his indicative PY3APY, participated in many competitions with excellent location, especially CQ WW, CQ WPX and JIDX, in the bands of 10.15 and 20 meters in phone and also in digital modes RTTY, PSK31 and more recently JT65 and FT8.



Photo: Delta 500, nationally manufactured, with two 6KD6 valves at the outlet and 80 to 10 meter bands.



Photo (left): Above we can see an Eudget and below another Delta 500, of national manufacture (Brazil).

Goodbye the new, welcome the old

When he turned 50 he decided to buy his own gift, a modern equipment, a new Yaesu FT-2000, because in addition to serving for the activity of the radio hobby, it could also be used to listen to the radio.

When the team arrived, remember that it was a party. He put the FT-2000 on the table of his garage-bunker and tested it in each band, he found that it was a great team, but a few days later he returned it to the box where he stayed for a year.

It was at that moment that he realized, that his preference was the old teams, with a history, to represent his time. It was not the case of the wonderful FT-2000.

One day, a friend offering you a complete Collins "S" line in perfect condition, it consists of a 32S-3 transmitter with its power supply and speaker, a 75S-3B receiver, a phone fonepatch console and an amplifier linear 30S-1. In addition, a Collins 75A-4 receiver also came in the same state.

When Henrique Schuchmann Morador tells this anecdote, he defines it as a fair trade, because even to this day the two friends ask themselves, who was the one who cheated the other.



Photo: complete line of Collins "S", collection by Henrique Schuchmann Morador

Henrique Schuchmann Morador, a "crazy dreamer" of collecting

When Henrique Schuchmann Morador was approaching university graduation, he was hit by a strong depression, something little known in those times, perhaps caused by the imminence of graduation and the emergence of new challenges.

I'm looking for a doctor appointed by an aunt, Dr. Claudio Osorio, who asked him: "Henry, what do you like to do?"

He tells me that without hesitation he replied to the doctor: "I like Doctor radios."

Then the doctor without having the real real dimension of what the word "radio" meant, to Henrique, asked him again: Where are your radios?

Henrique replied that they had been stored for years. Immediately the doctor recommended that he reactivate that hobby, so henrique took what the doctor said to the letter.

Over time henrique recovered from his depression and never again went through something similar.

Today when he sees his collection he calms down and says that it was thanks to a "medical prescription" that I should not disobey.

Before I left, I asked Henrique Schuchmann Morador if his last acquisition, a Hallicrafters S-20R (1939-1945), ends his collection and he replied: "I told my wife that I would stop collecting," he said. "But hey, I also tell lies" (laughs).



Photo: Hallicrafters S-20R (1939-1945)..

This report was made as follows:

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