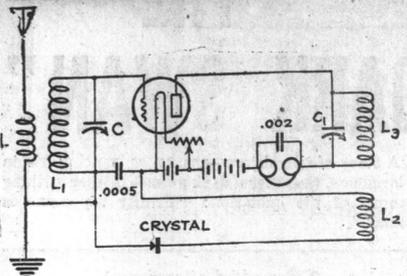


Current Radio



A Simple Reflexed Radio Frequency Set--2

Continuing from Saturday, we are showing the circuit of the receiver in a "standard" diagram. The symbols used in this diagram together with Saturday's are the same, so that the construction can be followed from either one. We strongly urge the beginner to carefully study both diagrams as it greatly facilitates constructional work to be able to read the more simple standard diagrams.

Either UV-199 (C-299) or UV-201-A (C301-A) tubes can be used. The 201-A's will be more sensitive but will require a 6-volt storage battery as source of filament supply. The 199 tubes can be operated from 3 standard No. 6 dry cells connected in series. If UV-199 tubes are used, the B battery voltage will be between 30 and 45 volts, while for the 201-A tubes a B battery voltage between 45 and 60 will be best.

If a fixed crystal is used, all that is necessary to tune the set is to turn the two condenser dials until a station is heard. After a station has once been picked up the two dials should be carefully and minutely adjusted so that full advantage of the sharp tuning qualities of the set will be taken advantage of. If the set will have to be located before the reverse of the two connections to the coil L2. Simply switch the two wires running to this coil.

If an adjustable crystal detector is used, the crystals sensitive spot will have to be located before the tuning can be done. To-morrow we deal with Crystals and tell how to adjust the crystal detector for maximum sensitivity.

It is perfectly possible to "log" stations, that is to note the settings of the two dials for a particular station. This station can be returned, by setting the dials in the same position. There being no regeneration in the set—and hence no regeneration control device—the tuning is very simple. Again, this set is extremely simple to build, operate and understand, and it gives the beginner much constructional work on breaking in to the building part of radio. It is one of the best combinations of a crystal plus a single vacuum tube that we know of. Try it and see!

Copyright, 1925, by The American Radio Relay League, Inc.

Northland Scenes by Maurice Cullen

MONTREAL PAINTER SHOWS CHARACTERISTIC OILS AND PASTELS.

WORKS BY ROBERT PILOT. Effective Paintings About Quebec And Lewis By Young Artist of Great Promise.

There is diversity in the third annual exhibition of the paintings by Maurice Cullen, R.C.A., and by Robert Pilot, now being held in the Watson Art Galleries, 675 St. Catherine Street, west, and although the show only opened on Monday, the cherry red stars that indicate sales have already begun to appear on oils and pastels. Present plans are to close the exhibit on January 26th.

Prof. Cullen, picture-lovers have come to expect scenes of the Northland and as wild rugged country is the favorite sketching ground of this Canadian master of the winter season, there is mutual satisfaction on both sides. Two galleries are closing with oils and pastels, and while winter scenes predominate, there are paintings of other seasons—summer and autumn set down with the convincing fidelity which characterizes the period of snow and ice that Cullen has made distinctly his own.

In the years that Cullen has determinedly pursued his way to his present high place in Canadian art, he has painted a variety of subjects. It seems a far cry to his sunny paintings of women washing clothes in the streams of Brittany, stretches of bleak landscape in the same region and bits of rivers in Europe, painted with the bold vivid color of a modified Impressionism, to the admirable interpretation of Laurentian and Lower St. Lawrence scenery of recent years. The interim was filled with the painting of varied motifs—ice-cutters with teams at work on lake and river at high noon or dusk, oxen hauling provender across ice-bound rivers, old buildings and quaint shops in falling snow at sundown, atmospheric problems seen by open water steaming in sub-zero weather on sunny days, and all these studies have brought him to the trail northward, where his recent work shows him to be at home. In the region about Mount Tremblant and the Cache River, he has found material congenial to his taste, and a lover of the out-of-doors, brought by age or infirmity to the comfort of an armchair, could in reviewing memories of his active years find solace in these canvases by Cullen. They are more than pictorial glimpses of a stated region, for the ice-fringed margin of open lake or river, with sun-flushed hills bold against the cloudy sky, might fit any section of the North Country—they permeate the spirit of that land in winter, its beauty, grandeur and silence.

NATURE SANELY OBSERVED.
To the casual observer the painting seems so amazingly simple and direct—head sweeps of paint with telling accents rightly placed, but it is the essence of a knowledge acquired through years of observation and of study. Spacious reaches of snow, white, blue, grey or ruby according to the hour, remain always snow that will give under pressure of the snow-shoe. The hills are anchored to the earth's core—are built to stay. There is a rugged solidity about the mountains that reflect their forms in waters icy cold. Spruces start up from shorelines banked with snow, and the odd birch, white against the white of leafless trees, mirrors its form in the still streams.

Of more temperate season is a glimpse of a sunny bank with birches, the stream, which tumbles in shadowed foam over leaf-littered rocks, reflecting the orange and gold of autumn foliage. In another canvas the yellow of birches strikes a sharp note in the rich minor cord of spruces edging a lake with mountain in the background. The lowering sun flushes the sky behind a clump of trees fringing a speeding stream in a summer landscape.

Truth is stamped on all these works—it is Nature sanely observed and honestly interpreted in terms of paint by an artist in whom the eye and the hand are in happiest accord.

Marked is the advance in the work of Robert Pilot, who finds picturesque material everywhere. There is a solid quality about this young painter's work which spells great promise, and no indication that he seeks the easy paths to recognition. Apart from some scenes in France, Pilot has found congenial subjects about Quebec—the sleighs grouped about the landing-place of the Lewis ferry, quaint buildings in old-world streets and squares, with, looming into the sky, the new tower of the Chateau Frontenac. To all these subjects he has brought good drawing and sound color. Satisfying in arrangement and tone are some studies of horses and sleighs, the character of the sturdy, blanketed French-Canadian horses being well conveyed. There is a marked sense of design in the canvases of this artist, the placing of the groups in his street scenes being particularly effective. The winter season has made strong appeal to him, but it is the period of snow and ice in cities that he depicts, though there is spaciousness and atmosphere in his winter bits of the St. Lawrence about Quebec and Lewis, which have presented problems satisfactorily solved.

Throughout the range of work by Pilot there is evidence of sincerity and determination. Of serious intent, he is moreover a hard worker who is satisfied with Nature as she is, and apparently no sympathy with those so-called "moderns" who couple distorted vision with natural or applied manual incompetence.

This joint exhibition by Montreal painters contains much of interest to students and picture-lovers alike.—Montreal Gazette, Jan. 14.

Note—The talented artists referred to in the above are well known in St. John's. Mrs. Cullen was formerly Mrs. E. Pilot and Bob is her son. Many Newfoundlanders who have visited their home in Montreal remember with pleasure their charming hospitality, and their many friends will be delighted to read the high tribute paid to the work of the artists.

Insist on Queen Maud Davines—no other "just as good."
Jan 23, 1925

Attention, Girls!
WOULD YOU DO AN MARION DAVIES DOES IN "ADAM AND EVA?"
Attention, girls! Suppose your father were reported to be bankrupt to-morrow; would you be able to earn your own living and hold your family together as does Marion Davies in her latest Paramount-Cosmopolitan production, "Adam and Eva"?

As Eva King, Miss Davies' only worry is how she can spend her own money as fast as he is able to provide it. Then comes the shock of her life. Her father "loses" his entire fortune. What does she do—sell her jewels and live in comfort in an uptown apartment? She does not. She equips a farm in the country, the only piece of property left of the once magnificent King estate, and makes it pay. Then a strange thing happens, but what, the picture itself which opens at the Star Theatre to-day, will disclose. Roy Barnes plays the leading male role.

Big Holiday Attraction at the Nickel
ERNEST PASCAL'S WONDERFUL STORY "THE DARK SWAN."
The popularity of physical beauty on one hand and the dreary loneliness of the plain girl, is the absorbing theme of "The Dark Swan," translated onto the screen from Ernest

Pascal's "best seller," which will be offered movie patrons by the Nickel Theatre, beginning to-day.

With his vivid pen Ernest Pascal has painted the deep struggle of the plain sister, whose charm lies in her brilliant mind and sweet disposition as opposed to her more beautiful sister, who is given love and adulation with a lavish hand, for no other reason than that she possesses what her sister has not—"sex appeal."

In the photoplay that was produced by Warner Bros., from Mr. Pascal's novel, Marie Prevost, with her beauty, will portray the colorful cock sister to Cornelia, who was interpreted by Helene Chadwick, loved by fans for the wistful glimpse of her personality. The man in the case will be none other than Blue, while Lilyan Tassman, Rankin, Mary McLaren, John Vera Lewis and others complete the cast of "The Dark Swan," which directed by Millard Webb.

Gen's good English Spats, at SMALLWOOD'S.—Jan 23, 1925

Relieve That HEADACHE MUSTEROLE Gently Rub With

MUTT AND JEFF
WHEN IT COMES TO TEAM WORK—THEY'RE BUSH LEAGUERS.
By Bud Fisher



SMALLWOOD'S BIG 3!

SPECIAL Sealers' Boot

SEALERS! Try a pair of our Special Red Chrome Tongue Wellington Boots. Light, Tight & Durable.

NAPOLEON BOOT. WELLINGTON BOOT.

FISHERMEN!—Buy Smallwood's all Solid Leather Hand-made Napoleon Tongue Boots, Wellington Side-seamed Boots, High ¾ Boots. Double wear in each pair.

Work Boots

We manufacture Men's High and Low Heel Laced Working Boots; also Boys' and Youths' Solid Leather Pegged Boots.

"HAIG"

The newest and best Rubber Boot on the market to-day. Haig, Short and Stormking for men and boys. Sold from coast to coast. Special price to Wholesalers.

F. Smallwood, The Home of GOOD SHOES

SOLE AGENT FOR HAIG RUBBERS IN N.F.L.

Big Holiday Attraction at the Nickel
ERNEST PASCAL'S WONDERFUL STORY "THE DARK SWAN."
The popularity of physical beauty on one hand and the dreary loneliness of the plain girl, is the absorbing theme of "The Dark Swan," translated onto the screen from Ernest

Pascal's "best seller," which will be offered movie patrons by the Nickel Theatre, beginning to-day.

With his vivid pen Ernest Pascal has painted the deep struggle of the plain sister, whose charm lies in her brilliant mind and sweet disposition as opposed to her more beautiful sister, who is given love and adulation with a lavish hand, for no other reason than that she possesses what her sister has not—"sex appeal."

In the photoplay that was produced by Warner Bros., from Mr. Pascal's novel, Marie Prevost, with her beauty, will portray the colorful cock sister to Cornelia, who was interpreted by Helene Chadwick, loved by fans for the wistful glimpse of her personality. The man in the case will be none other than Blue, while Lilyan Tassman, Rankin, Mary McLaren, John Vera Lewis and others complete the cast of "The Dark Swan," which directed by Millard Webb.

Gen's good English Spats, at SMALLWOOD'S.—Jan 23, 1925

Relieve That HEADACHE MUSTEROLE Gently Rub With

Just Folk
By EDGAR GUE...
AGE AND YOUTH...
You are talking fame and you are young and you are bold, and I'm talking friends and ship...
—that's a sign I'm getting on...
I've lived for fame and I've served them both and I've thought to think them all...
when I was a lad like you...
words about the joy of...
just put him down as a...
seeking nobler ends.

Willard Storage Battery Co.
CLEVELAND, OHIO
Programs Eastern Standard...
WTAM—Cleveland—28...
Monday, Feb. 16th, 1925.
6:00 to 7:00 p.m.—Willard...
and his Royal Canadian...
8:00 to 10:00 p.m.—Willard...
concert program by the...
Ensemble under the...
Walter Logan and the...
E. Church Quartet.
Tuesday, Feb. 17th, 1925.
6:00 to 7:00 p.m.—Willard...
Dinner Music by...
after Concert Orchestra...
Wednesday, Feb. 18th, 1925.
6:00 to 7:00 p.m.—Musical...
Dinner Music by...
and his Music Box...
Thursday, Feb. 19th, 1925.
6:00 to 7:00 p.m.—Willard...
Concert program by...
Radio Department of...
and Plain Dealer.
10:30 p.m. to 1:00 a.m.—...
radio. Dance Music by...
Friday, Feb. 20th, 1925.
6:00 to 7:00 p.m.—Willard...
Dinner Music by...
Saturday, Feb. 21st, 1925.
6:00 to 7:00 p.m.—...
after Concert Orchestra...
Sunday, Feb. 22nd, 1925.
6:00 p.m. to midnight...
Dance Music and...
program by Ed Jones and...
Orchestra and...

Majestic To-night
"WOMEN WHO GRY"
The Super Special...
Noted Play...
Few of us there are who...
need to a tale of the...
certain fascination...
who go down to the...
that is bound to get...
hold the interest. "W...
and in the cast of "W...
the new Metro-gre...
the Majestic to-night...
ought out. Here is...
literally packed full...
ama, thrill and hee...
delightfully well act...
d, with the famo...
well-known novel...
the silver sheet...
"Women Who Gry" w...
Reginald Barker...
clean Green's clas...
land coast. "Cap...
a routing tale and...
some of the motio...
has been made into...
satisfactory pictur...
season. Much of the...
in locations rou...
not, providing rou...
the balance of...
correct keeping wi...
the story.

This interesting...
This production...
advantage of a cast...
all-star...
Joseph and Ev...
is sure to pro...
theatrical patrons.